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Subject index

Introduction

The entries in this index refer to the papers by their page number. The entries are grouped together under headings (printed in bold type eg **Hall effect**). If a heading for a particular subject does not appear, the subject may be in the form of a crossreference to another heading, perhaps of a more general nature. Some of the headings are subdivided by the use of subheadings, which are indented (ie printed slightly to the right) and commence with a small letter.

The information contained in the subject index is illustrated by the following example:

main heading

crossreference to another heading

Crystal electron states
see also Colour centres
entry
Na, metallic, helicon waves propagation 916–21

band structure
alkali metals, x ray emission spectra L178–85
subheading
page numbers
entry
Letter to the Editor

Associated with the subheading 'band structure' is a '*see*' crossreference as follows:

Band structure *see Crystal electron states/band structure*

This means that for papers on 'band structure' the reader should consult the subheading 'band structure' of 'Crystal electron states' as displayed above.

Arrangement of headings and subheadings

The headings and crossreferences are arranged throughout the index in alphabetical order according to the 'word by word' system. The subheadings are themselves arranged in alphabetical order under their respective headings.

Arrangement of entries under headings

Entries are arranged in three distinct groups as follows:

First group:	arabic numerals
Second group:	English alphabet (A–Z), roman numerals, Greek alphabet, elementary particle symbols eg μ for muon, p for proton
Third group:	chemical formulae (including entries beginning with nuclei eg ^{57}Fe)

Nuclei, elements, compounds and other substances

Papers on nuclei whose mass number (or mass number range) is given are listed under a set of headings which begin 'Nuclei with . . . . ' eg Nuclei with $6 \leqslant A \leqslant 19$ where A is the mass number.

Papers on elements are grouped under headings of the given element eg 'Sodium', and inorganic compounds under appropriate compound headings eg AgCl under 'Silver compounds'.

Alloys are grouped under compounds of named constituents eg Au–Ag alloys under 'Gold compounds' and 'Silver compounds'. There are also four special headings for the common alloys: 'Aluminium alloys', 'Copper alloys', 'Iron alloys', 'Nickel alloys'.

Subject index

Absorption
- diamond, two-phonon ir spectrum, electric field induced changes 235–9
- **acoustic waves, ultrasonic**
  - antiferromagnet, MnF_2, attenuation near Néel point, temperature dependence 1513–8
  - cubic crystal, low temperature anharmonic attenuation of transverse hypersonic waves 1306–21
  - quartz, hypersonic wave attenuation L308–10
  - quartz, longitudinal hypersonic wave attenuation 1124–9
  - semiconductor, Ge, hypersonic attenuation due to optically excited carriers 2792–8
  - semiconductor, Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
  - semiconductor, group II–VI compounds, attenuation at microwave frequencies 966–70
  - trigonal crystals, longitudinal hypersonic wave attenuation 1124–9
  - Al_2O_3, corundum, longitudinal hypersonic wave attenuation 1124–9
  - Ge, hypersonic attenuation due to optically excited carriers 2792–8
  - Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
  - $LiNbO_3$, longitudinal hypersonic wave attenuation 1124–9
  - MnF_2, attenuation near Néel point, temperature dependence 1513–8
- **light**
  - *see also Films, solid/optical properties; Optical constants; Spectra*
  - alkali halides, Cd^+ ion properties, x irradiated crystals 1505–9
  - alkali halides, Pb doped, impurity–vacancy pair observation 1958–62
  - alkali halides, proton irradiation, colour centre concentration 1963–76
  - ferroelectric, $NaNO_2$, two-phonon absorption 2191–201
  - fluorites, γ irradition produced absorption bands 134–6
  - ionic crystal, CsCl(I), impurity induced ir absorption 2269–77
  - lanthanum ethyl sulphate, praseodymium doped, selection rules and symmetry 1885–9
  - metal, relaxation and finite hole mass effects 1387–98
  - molecular crystal, transition dipole—em radiation theory application 1874–8
  - 2-naphthoic acid, crystal, polarized spectra, 90 K 827–31
  - polar liquid, Poley absorption influence on inertial fall-off 2322–9
  - semiconductor, dispersion, Algol program L223–5
  - semiconductor, n-Ge, free carrier absorption, stress effects 1601–5
  - semiconductors, relaxation and finite hole mass effects 1387–98
  - AgCl:Eu, photosensitization study 1231–41
  - As_2S_3, vitreous 93–106
  - CaF_2, γ irradiation produced absorption bands 134–6
  - CaF_2, ir lattice vibrational spectrum L47–9
  - CaF_2, localized vibrations of Sr^{2+}–H^- and Ba^{2+}–H^- pairs 1977–82
  - CaO, vibronic properties of F^+ absorption band 2537–49
  - CsCl(I), impurity induced ir absorption 2269–77
  - GaP, localized vibration modes of impurities 3249–57
  - GaP:N, ir, related to localized vibrational mode L36–8
  - KBr(Cl), electron irradiation, V centre observation 1130–44
  - KBr(Cl) (I), impurity–vacancy pair observation 1958–62
  - KCl:KI-Sn, anions influence on spectral characteristics 1069–74
  - MgF_2, F centre observation 3007–14
  - $NaNO_2$, multiphonon selection rules 1036–48
  - $NaNO_2$, two-phonon absorption 2191–201
  - n-Ge free carrier absorption, stress effects 1601–5
  - β-PbF_2, γ irradiation induced absorption bands, polarized optical bleaching L91–2

    - SnO_2, lattice vibrations observations 2421–31
    - V complex, $(V(urea)_6)$ $(ClO_4)_3$, ligand field studies 3301–6

Acoustic amplification in solids *see Acoustoelectric effects*

Acoustic paramagnetic resonance
- strain broadened resonance lines, angular dependence L156–8

Acousto-optical effects
- semiconductor, Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
  - Ge, hypersonic attenuation due to optically excited carriers 2792–8
  - Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
  - Ge, on W, thickness dependence of field emission 2859–74

Acoustoelectric effects
- nonlinear gain for many waves with random phases 910–15
- oscillator, electrical response, mechanical loading effects 971–87
- piezoelectric semiconductor, nonlinear acoustic waves 783–94
- piezoelectric semiconductor, nonlinear phenomena 2319–21
- semiconductor, CdS, electron beam excited, drifting charge carriers, piezoelectric lattice modes 795–804
- semiconductor, group II–VI compounds, attenuation at microwave frequencies 966–70
- semiconductor, n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33
- semiconductor, nonlinear gain for many waves with random phases 910–15
- semiconductor, piezoelectric, nonlinear acoustie waves 783–94
- semiconductor, piezoelectric, nonlinear phenomena 2319–21
  - CdS, electron beam excited, drifting charge carriers, piezoelectric lattice modes 795–804
  - CdS oscillator, electrical response, mechanical loading effects 971–87
  - n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33

Adion *see Adsorption*

Adsorption
- one dimensional model study 1269–78
- SiO, of Ag 577–83

Aliphatic compounds *see Organic compounds*

Alkali metal halides
- *see also the compounds of the individual metals*
- colour centre concentration in proton irradiated crystal 1963–76
- Debye temperature, x ray diffraction and law of corresponding states L219–21
- lattice sums evaluation 1652–5
- positron annihilation lifetime spectra and positron states 734–45
- positronium like states formation L311–3
- vacancy pairs, entropy of formation 941–3
- x ray irradiated Cd$^+$ doped crystals, magneto-optical properties 1505–9
- x ray thermal diffuse scattering, anharmonic effects 289–97
  - Cd$^+$ doped x irradiated crystals, magneto-optical properties 1505–9
  - Pb doped, dielectric loss, optical absorption, conductivity, impurity–vacancy pairs 1958–62

Alkaline earth compounds
- *see also the compounds of the individual metals*
- fluorides, anharmonicity, phonon frequencies 3083–94
- fluorides, F centres, theory 1665–73
- fluorides, reflectance spectra, vacuum uv L200–3
- oxides, F$^+$ centres, transition energies L216–8

Alloys
- *see also the compounds of the named elements*
- binary, short range order effects on residual resistivity 354–63
- dilute, electron scattering from impurities 569–76
- dilute, Matthiesen's rule deviations, low temperature L145–7
- disordered, coherent potential approximation from atomic limit L75–7
- disordered, electronic structure, CPA generalization 118–21
- disordered system, single site CPA for cellular and structure disorder L271–3
- exchange interaction, resonant states effects L251–4
- one dimensional random, electronic energy spectrum L94–6

Aluminium
- band gaps, minimum perturbation pseudopotential L269–70
- magnetoresistance, coupled mechanical and helicon oscillations 435–41
- x ray thermal diffuse scattering, anharmonic effects 289–97

Aluminium compounds
- Al_2O_3, corundum, longitudinal hypersonic wave attenuation 1124–9
- $Al_2O_3:Cr^{3+}$, magnetic diffuse scattering of neutrons 1279–83
- $Al_2O_3:Fe$, corundum, spin–lattice relaxation 3297–300

Amorphous state
- cellular disorder, Anderson model, density of states, coherent potential approximation 773–82
- electronic structure, CPA generalization 121–3
- Green's function for electrons in finite system L369–72
- localized electron states, external magnetic field L107–8
- partial structure factors separation using anomalous scattering of x rays or neutrons 3029–33
- semiconductor, electronic density of states, long and short order role 3143–54
- semiconductor, electron states 3129–42
- semiconductor, Ge, energy gap, tight binding model L221–3
- semiconductor, hopping conduction, energy losses, high electrical fields 1331–40
- semiconductor, potential distribution L246–9
- Ge, energy gap, tight binding model L221–3
- Ge film, electron energy loss spectra 1591–600

Anelasticity *see Internal friction*

Angular momentum theory *see Quantum theory*

Annealing
- diamond, neutron irradiation, x ray observation 257–63
- MgO, preirradiation annealing effect on radiation damage 1496–504

Antiferromagnetism
- *see also Magnetic properties of substances/antiferromagnetic*
- critical phenomena, electrical resistivity behaviour above Néel temperature 132–3
- Heisenberg magnet, anisotropic, surface spin waves 2354–8
- Heisenberg magnet, dilute, spin wave modes 2929–36
- Heisenberg magnet, disordered, spin waves L194–7
- Heisenberg magnet, metastability, broken symmetry approach 2166–79
- Heisenberg model, thermodynamic properties, calculation methods L69–73
- Heisenberg spin cluster dynamical characteristics 621–4
- Hubbard model, narrow band solution L56–9
- Ising magnet, smoothness postulate validity 2684–94
- Ising system, magnetostriction model, second order phase transition 2572–82
- itinerant electron model, spin wave velocity 2695–704
- spin-density wave ground state, excitation spectrum 1560–9
- spin disorder scattering relation to resistivity above Néel temperature L26–9
- spin flip processes, related to metal–nonmetal transition 2475–87
- transition metal compounds, metal–nonmetal transitions, role of spin fluctuations L233–5
- zero point effects in nearly isotropic magnets L79–81

Antireflection coatings *see Films, solid/optical properties*

Argon
- crystalline, elastic constants, three-body interactions and lattice sum L355–7
- liquid, equation of state 3045–56
- liquid, molecular dynamics 3057–64
- liquid, surface properties, statistical mechanical calculation 1909–20
- liquid, surface properties, statistical mechanical calculation 1921–8
- solid, neutron irradiation, stored energy release 324–30
- solid, phonon frequency temperature dependence 870–5

Argon compounds
- N_2–Ar solidified binary mixtures, crystal structure 689–96

Arsenic compounds
- As_2S_3, vitreous, optical properties 93–106

Auger effect
- Si, electron spectrum, band structure influence L174–9

Band theory of solids *see Crystal electron states/band structure*

Barium
- Ba^{2+}–H^- pairs in CaF_2, localized vibrations 1977–82

Barium compounds
- BaF_2, anharmonicity, phonon frequencies 3083–94
- BaF_2, energies of vacancies, interstitials and inert gas atoms 1284–8

- BaF_2:Tm^{2+}, ENDOR, hyperfine structure 840–51
- BaO, epr of Mn^{2+} in trigonal symmetry sites 3292–6
- BeF_2, vitreous, normal modes of vibration 1214–20

Binding energy, *solid state see Bonds; Lattice energy; Solids*

Bitter patterns *see Domains*

Bloch walls *see Domains; Ferromagnetism*

Bonds
- *see also Lattice energy; Molecules*
- 3,4-dichloronitrobenzene, nqr Zeeman spectra observation 3322–7
- inert gas solid, van der Waals interactions, high order multipole three body terms, and stability 307–12
- ionic crystals, noncubic, ion electronic polarizabilities 746–56
- semiconductor, zincblende-type, charge density 3177–85
- zincblende alloy, charge distribution, pseudopotential approach L335–9
- zincblende alloy, comparison of pseudopotential and dielectric methods L339–42
- Al_2O_3:Cr^{3+}, covalency effects on magnetic diffuse scattering of neutrons 1279–83
- BeF_2, normal modes of vibration 1214–20
- $(Fe_{1-x}Rh_x)_2O_3$, covalency parameter, ionicity of Fe–O bond 2386–407
- GeO_2, normal modes of vibration 1214–20
- NaTl, ionic bonding 1003–12
- SiO_2, normal modes of vibration 1214–20

Boron compounds
- BN, pyrolytic, thermal conductivity, Umklapp process 1710–18

Bose gas *see Quantum fluids/boson systems*

Breeders *see Nuclear reactors, fission*

Bremsstrahlung
- *see also x ray spectra*
- line structure analysis in x ray spectrum 2258–65
- semiconductor, periodic lattice Green function application 2623–34

Brillouin scattering *see Scattering, light Brillouin spectra*

Brillouin zones
- graphite, neutron irradiated, Shubnikov–de Haas oscillations 442–52

Cadmium
- Cd^+ in alkali halides, x-irradiation, magneto-optical properties 1505–9
- Cd^{2+} in NaI, impurity–vacancy complexes 2737–41
- Cd^{2+} in NaI, impurity–vacancy complexes 2742–8

Cadmium compounds
- CdS, acoustoelectric interaction, transient, electron beam or light excitation, piezoelectric modes 795–804
- CdS, acoustoelectric oscillator, electrical response, mechanical loading effects 971–87
- CdS:Ag,Er^{3+} photoluminescence, sensitization 2962–6

Caesium compounds
- CsBr(Cl) (I), Schottky defect energies 1108–16
- CsH_2AsO_4, soft modes, dielectric response L203–7

Calcium compounds
- CaO, F_t centre, electronic levels 1289–98
- CaO, phonon dispersion relations 2009–16
- CaO, Stark effect of F^+ centre, zero-phonon line red shift L108–11
- CaO, vibronic properties of F^+ absorption band 2537–49
- $CdIn_2S_4$:Er^{3+}, excitation mechanisms for Er^{3+} emissions 83–92
- CdTe, edge and exciton emission centres interpretation 641–53
- **calcium fluoride**
  - anharmonicity, phonon frequencies 3083–94
  - defect structure of crystal with excess anions, Bragg scattering observation 3107–21
  - ENDOR of $^{169}Tm^{2+}$ and $^{171}Yb^{3+}$, transitions and relaxation times 1258–68
  - gamma irradiation produced absorption bands 134–6
  - lattice vibrational spectrum, ir L47–9
  - localized vibrations of Sr^{2+}-H^- and Ba^{2+}-H^- pairs 1977–82
  - point defect energetics, inert gas atom diffusion, Born model calculations 298–306
  - CaF_2, localized vibrations of paired ions 3015–28
  - CaF_2:Eu^{2+}–H^-, infrared absorption, 77–4·2 K 517–36
  - CaF_2:Gd^{3+}, cation–interstitial fluorine pair reorientation L239–42
  - CaF_2:Yb^{2+}–H^-, infrared absorption, 77–4·2K 517–36

Carrier mobility and scattering *see Crystal electron states/transport processes; Semiconducting materials; Semiconductors*

Cerium
- ion pairs in rare earth ethyl sulphates, interactions, virtual phonon exchange 1618–30

Characteristic temperature *see Specific heat*

Charge carriers *see Crystal electron states; Semiconducting materials; Semiconductors*

Chromium
- impurity, in ZnSe, absorption spectra, liquid helium temperature 512–6
- Cr^{3+} epr in MgO 1242–50
- Cr^{3+} epr in zoisite 1251–7
- Cr^{3+} in Al_2O_3, magnetic diffuse scattering of neutrons 1279–83
- Cr^{3+} in ruby, exchange coupled triad properties 2330–40
- Cr^{3+} in ruby, exchange coupled triads relaxation 2341–53
- Cr^{3+} in YAl garnet, vibronic spectrum and fluorescence lifetime 3258–64
- Cr^{3+}, lattice site in $MgCr_2O_4$, structural distortion L342–4
- $KMgF_3$:Cr, ENDOR of ^{19}F and ^{53}Cr, hyperfine interactions of fluorine ions 671–81
- $KMgF_3$:Cr, hyperfine interactions of fluorine ions, overlap contribution 682–8

Clathrates *see Organic compounds*

Cobalt
- dopant, in $MnFe_2O_4$, $MgFe_2O_4$, ferromagnetic resonance 537–44
- impurity, in ZnSe, absorption spectra, liquid helium temperature 512–6

Cohesive energy *see Bonds; Solids*

Collision processes
- He-metal surface scattering phenomena L359–62
- solid surface, one dimensional model for atoms 1269–78
- van der Waals forces and critical phenomena for molecules L235–8

Colour centres
- alkali halides, Cd^+ doped, x irradiation, F band properties 1505–9
- alkali halides, Pb doped, dielectric loss and conduction, decrease on coloration 1958–62
- alkali halides, proton irradiation, centre concentration observation 1963–76
- alkaline earth fluorides, F centres, theory 1665–73
- alkaline earth oxides, F^+ centres, transition energies L216–8
- diamond, photoluminescence from defect centres 2223–9
- F centres in KCl, positron annihilation, magnetic quenching of long living state L33–56
- perturbative measurements, group theory application 944–57
- tanzanite, epr observation 1251–7
- CaO, F_t centre, electronic levels 1289–98
- CaO, Stark effect of F^+ centre, zero-phonon line red shift L108–11
- CaO, vibronic properties of F^+ absorption band 2537–49
- KBr (Cl), electron irradiation, V centre observation 1130–44
- KBr(Cl)(I), dielectric loss and conductivity, decrease on coloration 1958–62
- KBr and KBr:Cu, thermal excitation energy of F centres 1606–14
- KCl, electron irradiation, F band observation 1615–7
- KCl with F centres, magnetic quenching of positron long living state L33–56
- LiF, F centre production on uv illumination, photolysis mechanism L67–9
- LiF, irradiated, thermal bleaching 1060–8
- MgF_2, epr and ENDOR, F centres 2992–3006
- MgF_2, epr and optical absorption, F centres 3007–14
- MgO, F^+ centre/cation vacancy pair formation on annealing 1496–504
- MgO, F_t centre, electronic levels 1289–98
- MgO, F^+ centre production, kinetics of saturation after neutron irradiation 1487–95
- NaCl, F centre electronic energy levels, pseudopotential formalism 1550–9
- NaCl, F colouring, radiation intensity dependence 1660–4
- β-PbF_2, γ irradiation induced absorption bands, polarized optical bleaching L91–2
- SrO, trapped hole centre observation L261–3

Compressibility
- ^3He, solid L168–71

Conduction, electrical *see Conductivity, electrical*

Conduction, heat *see Heat conduction*

Conduction bands *see Crystal electron states/band structure*

Conduction electron scattering *see Crystal electron states/transport processes*

Conductivity, electrical
- *see also Kondo effect; Semiconducting materials; Semiconductors; Superconductivity*
- Se, mechanism, model 2247–53
- **solids**
  - alkali halides, Pb doped, decrease on coloration 1958–62
  - alloy, binary, short range order effects on residual resistivity 354–63
  - alloy, dilute, Matthiesen's rule deviations, low temperature L145–7
  - antiferromagnet above Neél temperature, spin disorder scattering theory L26–9
  - antiferromagnet, resistivity above Néel temperature 132–3
  - antiferromagnet, resistivity anomalies above Néel point L153–6
  - disordered systems, ac conductivity 1757–63
  - magnetic system, metal–non metal transition 2475–87
  - polyethylene, oxidized, surface conduction current, electric field dependence 2313–18
  - semiconductor, anisotropic, comparison between single crystal, polycrystal and powders 1193–206
  - semiconductor, GaS, hopping conduction 3199–204
  - semiconductor, n-InSb, magnetic field dependence 1570–5
  - semiconductor, p-Ge, microwave transmission, magnetic field dependence 364–70
  - semiconductor, Se, conduction mechanisms 1348–59
  - transition metal compounds, metal–nonmetal transitions, role of spin fluctuations L233–5
  - transition metal oxides, metal–insulator transition L191–4
  - GaS, hopping conduction 3199–204
  - KBr(Cl)(I), decrease on coloration 1958–62
  - NaCl, related to Schottky defect model 1778–88
  - n-InSb, magnetic field dependence 1570–5
  - n-InSb, Wigner lattice, applied magnetic field L372–6
  - NiS, metal–semiconductor transition 598–606
  - p-Ge, microwave transmission, magnetic field dependence 364–70
  - Se, trigonal, conduction mechanisms 1348–59
  - semiconductor, n-InSb, Wigner lattice, applied magnetic field L372–6

Conductivity, thermal
- *see also Heat conduction*
- dielectric, hf thermal propagation data application to phonon relaxation times measurement 2089–96
- semiconductor, anisotropic, comparison between single crystal, polycrystal and powders 1193–206
- BN, pyrolytic, Umklapp process 1710–8

Copper
- surface, LEED spectra in ion core scattering model 2514–23
- Cu$^+$ at tetrahedral sites, field models modification, Jahn–Teller interaction 2713–24
- Cu$^+$ in KBr, thermoluminescence glow peaks 1606–14
- Cu^{2+} in KMnF$_3$, optical absorption 1866–73
- Cu^{2+}, in Na$_2$ Zn (SO$_4$)$_2$ · 4 H$_2$O, esr L347–50

Copper compounds
- Cs$_2$Cu(SO$_4$)$_2$·6H$_2$O, magnetically concentrated spin system, spin–phonon coupling mechanism observation 371–90
- CuCl, liquid, partial structure factors 3034–44
- CuCl$_2$·2H$_2$O, low temperature magnetic thermal expansion 2923–8

Crystal electron states
- *see also Colour centres*
- alloy, disordered, electron selfenergy, CPA generalization 118–21
- amorphous and glassy solids, electron selfenergy, CPA generalization 121–3
- charged systems, transverse collective excitations, magnetic neutron scattering 1168–77
- disordered system, single site CPA for cellular and structure disorder L271–3
- Fermi–Dirac distribution function, linear approximation 1719–24
- ionic, pseudopotentials L101–4
- random lattice, Green function, ensemble average L92–3
- spherically symmetric potential, Dirac and *t* matrices L351–5
- n-InP epitaxial films, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7
- **band structure**
  - alloy, one dimensional random, electronic energy spectrum L94–6
  - Anderson model, band tailing 2041–51

antiferromagnet, itinerant electron model and spin wave velocity 2695–704
APW method, comparison with KKRZ method 1737–46
cellular disorder, Anderson model, density of states, coherent potential approximation 773–82
diamond-type dielectric function 2650–7
disordered potential arrays, two dimensions, localized states 2029–40
disordered solid, localized states, external magnetic field L107–8
disordered systems, Anderson tight binding model 1747–56
disordered systems, band-tailing deviation by maximization methods L50–2
disordered system, definition of localized states 187–9
disordered system, reduced Green's function L369–72
dispersion relation identities derivation 2408–20
ferromagnet, spin wave calculations in *t* matrix approximation of many bands 1855–65
Hubbard decoupling scheme 147–9
Hubbard model, narrow band solution L238–9
Hubbard model, narrow band solution L56–9
β-hydrogen phthalocyanine, tight binding energy band structure calculation 3122–8
ice, cubic, tight binding calculation L314–6
irregular lattice, nonlocalized to localized eigenstate transitions 453–7
KKRZ method, comparison with APW method 1737–46
LiCl, x ray Compton profile L366–9
local exchange correlation potentials 2064–83
localized states, existence in disordered system 187–9
metal, relaxation and finite hole mass effects in optical absorption 1387–98
MoS_2, reflectivity spectra, interband transitions L378–81
$NbSe_2$, reflectivity spectra, interband transitions L378–81
pseudopotential theory, cancellation theorem 427–34
quantum size effect, band theory, model 1734–6
semiconductor, amorphous and crystal, long and short order role 3143–54
semiconductor, amorphous, valence band wavefunctions 3129–42
semiconductor, cubic, with nonquadratic energy surfaces, Faraday effect 2202–8
semiconductor, effective mass and Penn dielectric function L278–80
semiconductor, *f* sum rule application to band edges L1–3
semiconductor, GaAs, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
semiconductor, GaSe, electroreflectance observation L273–8
semiconductor, Ge, amorphous, energy gap, tight binding model L221–3
semiconductor, Ge, microscopic dielectric function and charge density 1360–4
semiconductor, general potentials application 3155–66
semiconductor, InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
semiconductor, Landau–Coulomb levels in degenerate band 2822–32
semiconductor, mixed zincblende type, energy bands composition dependence L289–92
semiconductor, modified muffin tin potentials L85–7
semiconductor, n-Ge, multivalley conduction band states, energy splitting 1601–5
semiconductor, n-InSb, donor activation energy 2084–8
semiconductor, relaxation and finite hole mass effects in optical absorption 1387–98
semiconductor, zincblende type, charge density 3177–85
transition metal oxides, related to Mott transition L191–4
zincblende alloy, comparison pseudopotential approach L335–9
zincblende alloy, comparison pseudopotential and dielectric methods L339–42
zincblende type, dielectric function 2650–7
A1, band gaps, minimum perturbation pseudopotential L269–70
Cu, LEED spectra in ion core scattering model 2514–23
FeGe, hexagonal, energy bands, APW calculation 2052–63
GaAs, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
GaSe, electroreflectance observation L273–8

- Ge, amorphous, energy gap, tight binding model L221–3
- n-Ge, ir free carrier Faraday rotation, effect of uniaxial stress 201–22
- Ge, microscopic dielectric function and charge density 1360–4
- n-Ge, multivalley conduction band states, energy splitting 1601–5
- (In,Ga)P alloys, epitaxial, thermoreflectance observation 1534–9
- n-InSb, donor activation energy 2034–8
- InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
- MoS$_2$, optical absorption of alkali metal intercalation products, band model L18–20
- NaCl, F centre electronic energy levels pseudopotential formalism 1550–9
- NbSe$_2$, optical absorption of alkali metal intercalation products, band model L18–20
- n-Si, ir free carrier Faraday rotation, effect of uniaxial stress 201–22
- Si, influence on Auger electron spectrum L174–9
- Ge films, amorphous, electron energy loss spectra 1591–600
- Si–metal contacts, density of states and barrier height 2849–58
- V$_3$Ga, tight binding calculation L188–91
- V$_3$Si, tight binding calculation L188–91

excitons
- anthracene, Frenkel exciton–phonon interaction 2024–8
- integral equation approach, intermediate binding L328–31
- localization of Wannier excitons in thin crystal, asymmetric lineshape 137–9
- molecular crystal, Frenkel exiton–phonon interaction 2024–8
- semiconductor, Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
- semiconductor, Wannier excitons behaviour, crystal thickness dependence 723–33
- Wannier, behaviour in thin crystals 723–33
- CdTe, edge and exciton emission centres interpretation 641–53
- Ge, hypersonic attenuation via excition–phonon interaction 2799–804

Fermi level
- Si–metal contacts, surface position 2849–58

Fermi surface
- graphite, neutron irradiated, Shubnikov–de Haas oscillations 442–52
- Sondheimer size effect 1764–77
- Sn, magnetoresistance, linear networks of coupled orbits, large amplitude quantum oscillations 474–91

impurity states and effects
- *see also Electron traps*
- alloy, dilute, electron scattering from impurities 569–76
- Anderson model, band tailing 2041–51
- Anderson model, localized electron, regularity of density of states 453–7
- Anderson problem, disordered systems, localized states 1145–61
- Anderson transition, selfconsistent field theory L331–5
- diamond, acceptor centre interpretation 1789–800
- disordered potential arrays, two dimensions, localized states 2029–40
- disordered systems, Anderson tight binding model 1747–56
- disordered systems, band-tailing deviation by maximization methods L50–2
- disordered system, definition of localized states 187–9
- disordered systems, localized states 1145–61
- Fermi impurity mobility, phase transition analogy L207–11
- ionic crystal, CsCl(I), ir absorption and density of states 2269–77
- metal, charged impurity screening in magnetic field, oscillatory terms L242–6
- n-InSb, electrons diffusing via defects in Wigner lattice L372–6
- point charge lattice, charge distribution potential calculations 263–76
- point charge lattice, charge distribution potential calculations 277–88
- semiconductor, diamond type, extended Hückel method application to point defect electronic properties 3077–82
- semiconductor, diamond-type, extended Hückel method application to point defect electronic properties 3065–76
- semiconductor, ground states and photoionization of transition metal impurities 2979–91
- semiconductor, ion implanted layers, electrical measurements computing methods L150–3
- semiconductor, isoelectronic impurities, binding mechanisms 1936–44
- semiconductor, n-InSb, electrons diffusing via defects in Wigner lattice L372–6
- semiconductor, n-InSb, hydrogen centre excited state 1570–5

semiconductor, periodic lattice Green functions application 2623–34
semiconductor, p-Ge, microwave transmission, impurity concentration effects 364–70
CdTe, edge and exciton emission centres interpretation 641–53
CsCl(I), ir absorption and density of states 2269–77
GaAs, ground states and photoionization of transition metal impurities 2979–91
GaP, localized vibration modes 3249–57
GaP:N, localized vibrations, ir absorption measurement L36–8
Ge, ground states of shallow donors 1162–7
HgS, localized levels 1890–7
$KZnF_3$, optical absorption by Cu–Mn pairs 1866–73
n-InSb, hydrogen centre excited state 1570–5
p-Ge, microwave transmission, impurity concentration effects 364–70
Si, ground states of shallow donors 1162–7
Si, strain due to impurities, effect on electron mobility 190–3

plasma
Compton scattering, plasmon effects 2593–7
excitonic spectrum 998–1002
plasmon loss, double, electron energy loss spectra observation L81–4
space charge waves, dispersion relation 194–200
Ge film, amorphous, plasmon loss in electron energy loss spectra 1591–600
MoS_2, reflectivity spectra, plasma resonance L378–81
$NbSe_2$, reflectivity spectra, plasma resonance L378–81

polarons
semiconductor, polar, resonant damping of de Haas–van Alphen oscillations 181–6
AgCl and AgBr, mass of cold conduction electron polaron, cyclotron resonance observation L8–11
KCl, KBr, and KI, mass of cold conduction polaron, cyclotron resonance observation L8–11
KI, cyclotron resonance, carrier temperature dependence on chemical purity L89–91
RbCl and RbI, mass of cold conduction electron polaron, cyclotron resonance observation L8–11

surface
dispersion relation identities derivation 2408–20
Green function, matching procedure L104–7

transport processes
alloy, Rudermann–Kittel electron scattering, resonant states L251–4
antiferromagnet, electron scattering by spin correlations L153–6
disordered systems, ac conductivity 1757–63
Poole–Frenkel conduction in high alternating electrical fields 1341–7
semiconductor, amorphous, hopping conduction, energy losses, high electrical fields 1331–40
semiconductor, GaS, hopping conduction 3199–204
semiconductor, Ge, negative differential mobility of electrons 1801–21
semiconductor, Meyer–Neldel rule, thermally assisted tunnelling and pseudointrinsic conduction 3167–76
semiconductor, n-Ge, intervalley scattering 1822–34
semiconductor, n-InSb, magnetic freeze-out of carriers 2084–8
semiconductor, p-Ge, microwave transmission, magnetic field dependence 364–70
semiconductor, Poole–Frenkel conduction in high alternating electrical fields 1341–7
semiconductor, Se, conduction mechanisms 1348–59
transition metal compounds, metal–nonmetal transitions, role of spin fluctuations L233–5
GaS, hopping conduction 3199–204
n-Ge, intervalley scattering 1822–34
Ge, negative differential mobility of electrons 1801–21
n-InSb, magnetic freeze-out of carriers 2084–8
p-Ge microwave transmission, magnetic field dependence 364–70
Se, trigonal, conduction mechanisms 1348–59

Crystal energy *see Bonds*

Crystal field theory
antiferromagnet, $KCoF_3$, spin–orbit coupling 2127–38
antiferromagnet, $KCoF_3$, spin–orbit coupling 2139–59
covalent complex, orbit–lattice coupling 1207–13
lanthanum ethyl sulphate, praseodymium

doped, selection rules and symmetry for spectra 1885–9
molecular field theory of magnetism, crystal field interactions contribution 1840–54
orbit–lattice interaction computations 930–40
point charge lattice, charge distribution potential calculations 263–76
point charge lattice, charge distribution potential calculations 277–88
rare earth ethyl sulphates, interactions between ion pairs 1631–43
rare earth ethyl sulphates, interactions between Ce ions, epr observation 1618–30
rare earth ions, configuration interaction contribution 3234–48
rare earth vanadates, ion–lattice interactions 2297–303
ruby:Cr^{3+}, exchange coupled triad properties 2330–40
ruby:Cr^{3+}, exchange coupled triads relaxation 2341–53
spin–phonon interaction contribution to specific heat 2583–92
spin–phonon interaction for $(3d)^n$ ions 2017–23
transition metal ions, $3d^9$, at tetrahedral sites, models, Jahn–Teller interactions 2713–24
Al_2O_3:V^{3+}, trigonal field splitting, energy levels and *g* values 1576–90
BaO, epr of Mn^{2+} in trigonal symmetry sites 3292–6
CaF_2, trigonal symmetry complexes with hydride ions paired to rare earth ions 3015–28
$DyVO_4$, vanadates, ion–lattice interactions 2297–303
FeF_2, orbital triplet crystal field splitting 2705–12
$GdCl_3$:Er^{3+}, thermal and magnetic properties in crystal field with C_{3h} site symmetry 1692–702
$LaBr_3$:Er^{3+}(Pr^{3+}), thermal and magnetic properties in crystal field with C_{3h} site symmetry 1692–702
$KCoF_3$, spin–orbit coupling 2127–38
$KCoF_3$, spin–orbit coupling 2139–59
$MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion L342–4
MgO:Fe^{2+}, spin–phonon interaction contribution to specific heat 2583–92
$Na_2Zn(SO_4)_2 \cdot 4H_2O$:$Cu^{2+}$, elec. field symmetry, *g* factors, hyperfine constants, esr obs. L347–50
NH_4F, esr of Cu^{2+}, tetrahedral site observation 2967–78
V complex, $(V(urea)_6)(ClO_4)_3$, ligand field studies 3301–6
ZnSe, defect configuration for Yb^{3+} and Er^{3+} codoped with Li, Ag and Cu 2550–6

Crystal imperfections
see also Colour centres
diamond, neutron irradiation, lattice expansion, annealing effects, x ray observation 257–63
ionic crystals, polarization catastrophe in defect calculations L211–6
semiconductor, diamond type, extended Hückel method application to point defect electronic properties 3077–82
semiconductor, diamond type, extended Hückel method application to point defect electronic properties 3065–76
semiconductor, group II–VI and III–V compounds, displaced atomic species 2635–6
Ar, solid, neutron irradiation damage, stored energy release observation 324–30

dislocations
KBr(Cl), halogen interstitials trapped at dislocations, V centres 1130–44
KCl, jogged motion of dislocations during deformation 1615–7
NaCl, pinned, loop length variation with neutron irradiation time, internal friction measurement 331–8
NaCl, pinning points, related to internal friction 1725–33

impurities
alkali halides, Cd^+ doped, x irradiation, magneto-optical properties 1505–9
alkali halides, impurity–vacancy pairs 1958–62
semiconductor, diamond type, extended Hückel method application to point defect electronic properties 3077–82
BaF_2, energies of inert gas atoms, Born model calculation 1284–8
CaF_2, inert gas atom energetics, trapping on vacancies, diffusion, Born model calculations 298–306
CaF_2, trigonal symmetry complexes with hydride ions paired to rare earth ions 3015–28
CaF_2:Gd^{3+}, cation–interstitial fluorine pair reorientation L239–42
CsCl(I), central and noncentral force constants 2269–77
GaP, localized vibration modes 3249–57
KBr(Cl)(I), impurity–vacancy pairs 1958–62
KCl:KI–Sn, anions influence on spectral characteristics 1069–74

$MgO:Fe^{3+}$, vacancy–impurity association, epr observation 107–16
$NaI:Cd^{2+}$, impurity–vacancy complexes 2737–41
$NaI:Cd^{2+}$, impurity–vacancy complexes contribution to nmr relaxation 2742–8
SrF_2, energies of inert gas atoms, Born model calculation 1284–8

interstitials
Ar, solid, neutron irradiation, Frankel pair formation enthalpies 324–30
BaF_2, ion interstitial energies, Born model calculation 1284–8
CaF_2, energy calcuations using Born model 298–306
CaF_2, with excess anions, Bragg neutron diffraction studies 3107–21
$CaF_2:Gd^{3+}$, cation–interstitial fluorine pair reorientation L239–42
$Fe_{1-x}O$, vacancy/interstitial ratio 2160–5
GeO_2, electron irradiation, vacancy interstitial pairs 2230–9
KBr(Cl), halogen interstitials trapped at dislocations, V centres 1130–44
MgO, neutron irradiation, cluster formation 1487–95
MgO, preirradiation annealing effect on radiation damage 1496–504
SrF_2, ion interstitial energies, Born model calculation 1284–8
ZnSe, defect configuration for Yb^{3+} and Er^{3+} codoped with Li, Ag and Cu 2550–6

vacancies
alkali halides, entropy of formation of vacancy pairs 941–3
alkali halides, impurity–vacancy pairs 1958–62
diamond, lattice distortion, dynamic relaxation method 143–53
diamond, lattice distortion, dynamic relaxation method 154–63
semiconductor, diamond type, extended Hückel method application to point defect electronic properties 3065–76
AgCl:Eu, vacancy motion, esr observation 1231–41
BaF_2, vacancy energies, Born model calculation 1284–8
CaF_2, energy calculations using Born model 298–306
CaF_2, with excess anions, Bragg neutron diffraction studies 3107–21
CsBr(Cl)(I), Schottky defect energies 1108–16
$Fe_{1-x}O$, vacancy/interstitial ratio 2160–5
GeO_2, electron irradiation, vacancy–interstitial pairs 2230–9
KBr(Cl)(I), impurity–vacancy pairs 1958–62
KCl, deformed, electron traps 1615–7
MgO, neutron irradiation, cluster formation 1487–95
MgO, preirradiation annealing effect on radiation damage 1496–504
$MgO:Fe^{3+}$, vacancy–impurity association, epr observation 107–16
NaCl, vacancy diffusion coefficients 1778–88
$NaCl:Mn^{2+}$, anelastic loss peaks, vacancy jump kinetics 1945–57
NaI, Schottky defect formation and cation vacancy migration 2737–41
NaI, selfdiffusion mechanism 2742–8
$NH_4Br(Cl)$, Schottky defect energies 1108–16
Si, lattice distortion, dynamic relaxation method 143–53
Si, lattice distortion, dynamic relaxation method 154–63
SrF_2, vacancy energies, Born model calculation 1284–8
TlBr(Cl), Schottky defect energies 1108–16

Crystal properties
ice, cubic, symmetry analysis L314–6

Crystal structure, atomic
see also Crystal electron states; Crystals/lattice mechanics; Electron diffraction crystallography; x ray crystallography
bcc lattice Green function evaluation 1510–2
semiconductor, long and short range order and energy gaps 3143–54

alloys
binary, short range order effects on residual resistivity 354–63
disordered system, partition function calculations L59–61

inorganic compounds
antiferromagnet, $DyVO_4$, neutron diffraction 811–9
3,4-dichloronitrobenzene, nqr Zeeman spectra observation 3322–7
triglycine sulphate, irradiation/field treated L255–7
$DyVO_4$, antiferromagnetic, neutron diffraction 811–9
$FeSiF_6 \cdot 6H_2O$, inferences from proton resonance observation 117–25
LiH structure factors and Compton profile, orbital wavefunction calculation L163–5
$MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion L342–4
N_2–Ar(Ne)(Xe) solidified binary mixtures 689–96
NaTl, ordering, ionic bonding, perturbation theory 1003–12

- $NiFe_{2-x}Mn_xO_4$, cell dimensions 2266–8

Crystal symmetry *see Crystal structure, atomic*

Crystals
- *see also Lattice energy*
- disordered alloy, coherent potential approximation from atomic limit L75–7
- **electron states** *see Crystal electron states*
- **excitons** *see Crystal electron states/excitons*
- **hyperfine field interactions**
  - alkaline earth fluorides, related to F centres 1665–73
  - coupled spin systems, secular relaxation of nuclear-like modes 625–40
  - cubic site, spin Hamiltonian, electron–nuclear interaction terms 1378–86
  - rare earth aluminates, nmr of ^{27}Al, electrical field gradient 1426–36
  - spin Hamiltonian operators 130–2
  - transition metal ions, $3d^9$, at tetrahedral sites, field models modification 2713–24
  - $BaF_2:Tm^{2+}$, ENDOR 840–51
  - $CaF_2:Eu^{2+}–H^-$, infrared absorption, 77–4·2 K 517–36
  - $CaF_2:Yb^{2+}–H^-$, infrared absorption, 77–4·2 K 517–36
  - FeF_2, quadrupole splitting of ^{57}Fe generated by 3d electron 2705–12
  - $(Fe_{1-x}Rh_x)_2O_3$ system, Mössbauer observation 2386–407
  - $HgCl_2$, electric field gradient of ^{35}Cl resonance 1898–902
  - $KMgF_3:Cr$, of fluorine ions, ENDOR observation 671–81
  - $KMgF_3:Cr$, of fluorine ions, overlap contribution 682–8
  - MgF_2, epr and ENDOR, F centres 2992–3006
  - $MgFe_2O_4:Co^{2+}$, ferromagnetic resonance 537–44
  - $MnFe_2O_4:Co^{2+}$, ferromagnetic resonance 537–44
  - MgO, ^{17}O enriched, transferred hyperfine interactions for Mn^{2+} L296–9
  - MgO, of V^{2+} and Cr^{3+} in orthorhombic symmetry sites 1242–50
  - N_2, cubic, electric quadrupole–quadrupole interaction L281–2
  - NH_4F, esr of Cu^{2+}, tetrahedral site observation 2967–78
  - n-Si, temperature dependence, epr observation 654–70
  - $SrF_2:Tm^{2+}$, ENDOR 840–51
  - ZnSe:M, M=Ti, V, Cr, Co, Ni, absorption spectra at liquid helium temperature 512–6
  - $ZrSiO_4$, zircon, vibrational spectrum, polarized ir and Raman studies 240–56
- **imperfections** *see Crystal imperfections*
- **lattice mechanics**
  - *see also Electron–phonon interactions; Mössbauer effect; Spin–lattice relaxation*
  - alkaline earth fluorides, anharmonicity, phonon frequencies 3083–94
  - anharmonic contribution to entropy 1703–9
  - collective excitations in charged systems 1168–77
  - covalent complex, orbit–lattice coupling 1207–13
  - cubic crystal, free energy at finite temperature 2759–70
  - cubic crystal, low temperature anharmonic attenuation of transverse hypersonic waves 1306–21
  - cyclohexane, molecular dynamics, Mössbauer scattering observation 2220–2
  - defect dynamics, matrices inversion 1656–9
  - diamond, two-phonon ir absorption spectrum, electric field induced changes 235–9
  - elastic constants, fcc cryst., three-body interactions and lattice sum L355–7
  - electron–phonon scattering potential, determined in terms of rigidly moving Wannier functions 20–2
  - ferroelectric, KH_2PO_4, dynamical model, quantum field theoretical treatment 2894–902
  - hexamethylenetetramine, from observation of thermal diffuse scattering of x rays 23–35
  - metal, anharmonic, phonon spectrum calculation method 1630–91
  - molecular crystal, tunnelling effects on nuclear magnetic resonance linewidth 1075–81
  - moments of vibrational frequency spectra of simple cubic, bcc, fcc, and hcp models 164–73
  - perfect non-Bravais crystal with internal strains 2805–21
  - phonon frequencies, selection rules for inelastic neutron scattering 1091–104
  - proton spin–lattice relaxation due to tunnelling motions 2180–90
  - rare earth metals, electron gas model 1674–9
  - spin orbit–lattice interaction computations 930–40
  - three-body interactions, lattice sums for their evaluation L355–7

urea, vibration modes 2304–12
vibration frequencies parametrization by force constants L185–7
vibration spectrum, description in terms of rigidly moving Wannier functions 3–14
Wannier function distributions, form factors and moments, theory 15–9
Wannier function motion relation to electron–phonon scattering 20–2
Wannier function motion relation to vibration spectrum 3–14
x ray scattering, thermal diffuse, lowest order term due to anharmonicity 289–97
Ar, phonon frequency temperature dependence 870–5
BaF_2, anharmonicity, phonon frequencies 3083–94
BeF_2, vitreous, normal modes of vibration 1214–20
CaF_2, anharmonicity, phonon frequencies 3083–94
CaF_2, ir vibrational spectrum L47–9
CaF_2, localized vibrations of paired ions 3015–28
CaF_2, localized vibrations of Sr^{2+}–H^- and Ba^{2+}–H^- pairs 1977–82
CaO, phonon dispersion relations 2009–16
CsCl(I), force constants between defects and nearest neighbours 2269–77
GaP, localized vibration modes of impurities 3249–57
GaP:N, localized vibrations, ir absorption measurement L36–8
KF, anharmonic contribution to entropy 1703–9
KH_2PO_4, dynamical model, quantum field theoretical treatment 2894–902
Kr, anharmonic contribution to ^{83}Kr Mössbauer fraction 1929–35
LiCl(F)(H), shell model calculation and three-body overlap forces 2749–58
$LiNbO_3$, phonon frequencies, selection rules for inelastic neutron scattering 1091–104
MnO, optical phonon modes 1299–305
NaCl, anharmonic contributions to thermodynamic properties 988–97
$NaNO_2$, force constants of NO_2^-, temperature dependent 2557–64
RbBr, phonon frequencies 958–65
SiO_2, vitreous, normal modes of vibration 1214–20
SnO_2, ir and Raman spectra observation 2421–31
SrF_2, anharmonicity, phonon frequencies 3083–94
TlBr, heat capacity measurement at low temperature 417–26
$ZrSiO_4$, zircon, vibrational spectrum, polarized ir and Raman studies 240–56

orientation
nuclear quadrupole spin–lattice relaxation in crystals, dependence 227–34

Curie temperature *see Ferroelectric phenomena; Dielectric properties of substances*

Curie–Weiss law *see Magnetic properties of substances/paramagnetic; Paramagnetism*

Cyclotron resonance
alkali halides, mass of cold conduction electron polaron L8–11
semiconductor, GaAs, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
silver halides, mass of cold conduction electron polaron L8–11
GaAs, semiconductor, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
n-InP epitaxial films, 10–50 K L38–42
KI, of polarons, carrier temperature dependence on chemical purity L89–91

Damping
see also Internal friction
semiconductor, polar, resonant polaron, of de Haas–van Alphen oscillations 181–6

de Haas–van Alphen effect
semiconductor, polar oscillations, resonant polaron damping 181–6

Debye temperature
alkali halides, x ray diffraction and law of corresponding states L219–21
TlBr, heat capacity measurement at low temperature 417–26

Debye–Waller factors
atom-surface scattering phenomena L359–62

Decoration techniques *see Crystal imperfections/dislocations*

Defects *see Crystal imperfections*

Deformation
see also Plastic deformation
diamond, lattice distortion near vacancies, dynamic relaxation method 143–53
diamond, lattice distortion near vacancies, dynamic relaxation method 154–63

Si, lattice distortion near vacancies, dynamic relaxation method 143–53
Si, lattice distortion near vacancies, dynamic relaxation method 154–63

Density
fluctuations and molecular dynamics for liquids 3057–64
surface oscillations, statistical mechanical calculation 1909–20
surface oscillations, statistical mechanical calculation 1921–8

Desorption
one dimensional model study 1269–78

Diamagnetic resonance *see Cyclotron resonance*

Diamonds
absorption spectrum, two-phonon ir, electric field induced changes 235–9
lattice distortion near vacancies, dynamic relaxation method 143–53
lattice distortion near vacancies, dynamic relaxation method 154–63
neutron irradiated, lattice expansion, annealing effects, x ray observation 257–63
photoluminescence from defect centres 2223–9
semiconducting, acceptor centre interpretation 1789–800

Dielectric constant *see Permittivity*

Dielectric loss *see Dielectric phenomena; Dielectric properties of matter*

Dielectric phenomena
electron gas, static dielectric functions L165–8
Xe, Lorentz–Lorenz function near critical region 2254–7

Dielectric properties of substances
see also Permittivity
polyethylene, oxidized, surface conduction current, electric field dependence 2313–8
stearic acid films, high field and ac properties L301–4
Xe, Lorentz–Lorenz function near critical region 2254–7
solids, ferroelectric *see Ferroelectric materials*

Dielectric relaxation
alkali halides, Pb doped, loss peaks, impurity–vacancy pair observation 1958–62
KBr(Cl)(I), loss peaks, impurity–vacancy pair observation 1958–62

Diffusion
see also Diffusion in liquids; Diffusion in solids
interacting particle systems with inverse twelfth power repulsive potentials L305–8
SiO, Ag surface diffusion energies 577–83

Diffusion in liquids
linear trajectory approximation 1466–78

Diffusion in solids
NaCl, vacancy diffusion coefficients 1778–88
NaI, selfdiffusion, nmr relaxation observation 2742–8
NaI, selfdiffusion, vacancy mechanism 2737–41

Dirac equation
spherically symmetric potential, Dirac and *t* matrices L351–5

Dislocations *see Crystal imperfections/dislocations*

Domains
antiferromagnet, NiO, spin domain movement and magnetostriction 2565–71
semiconductor, n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33
single, elliptical platelet, magnetization, remanence loops 805–10
n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33
NiO, spin domain movement and magnetostriction 2565–71
Tb, structure using dry colloid technique, model 47–52

Domains, antiphase *see Alloys*

Double resonance *see Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation*

Dysprosium compounds
$DyAsO_4$, magnetic structure 3224–33
$DyPO_4$, magnetic interactions 2937–44
$DyVO_4$, antiferromagnetic, structure, neutron diffraction 811–9
$DyVO_4$, Jahn–Teller phase transition L317–22
$DyVO_4$, phase transitions related to cooperative Jahn–Teller effect L179–83
$DyVO_4$, vanadates, ion–lattice interactions 2297–303

Edge emission *see Luminescence, inorganic solids*

Elastic constants
see also Compressibility
antiferromagnet, NiO, transition point anomalies 1983–7

  electrostatic contributions, central force interactions 1117–23
  fcc crystai, three-body interactions and lattice sum L355–7
  ferroelectric, KH_2PO_4, near phase transition L317–22
  Jahn–Teller coupled systems L317–22
  perfect non-Bravais crystal with internal strains 2805–21
  KH_2PO_4, near ferroelectric phase transition L317–22
  NiO, magnetic transition point anomalies 1983–7
Elastic losses *see Internal friction*
Electric charge
  see also Space charge, solid
  Fe_3S_4, anisotropy induced in electrostatic field L172–4
Electric fields
  diamond, two-phonon ir absorption, spectrum, induced changes 235–9
  Fe_3S_4, induced anisotropy L172–4
Electrical conduction *see Conduction, electrical*
Electrodynamics
  electron in uniform electric field, exact propagator, theory 1–2
Electroluminescence
  semiconductor, ZnSe : Er^{3+}, comparison with photoluminescence 1049–59
  GaP : N, epitaxial, p–n junc., efficient yellow luminescence L344–7
  ZnSe : Er^{3+}, comparison with photoluminescence 1049–59
Electron affinity *see Atoms; Molecules*
Electron beam effects
  group II–VI and III–V compounds, displaced atomic species 2635–6
  Fe_3S_4, anisotropy induced in electrostatic field L172–4
  GeO_2, irradiation, vacancy–interstitial pairs 2230–9
  KBr(Cl), irradiation, V Centre observation 1130–44
Electron diffraction crystallography
  see also Crystal structure, atomic
  high energy particle propagation, classical 697–722
  LEED spectra, fast perturbation schemes 3095–106
  scattering factors calculation from free atom formulation L158–61
Electron diffraction examination of materials
  Fe_3S_4, anisotropy induced in electrostatic field L172–4
  N_2–Ar(Ne)(Xe) solidified binary mixtures, crystal structure 689–96
Electron emission
  quartz, fired, thermally stimulated exoemission sensitivity, radiation-induced decrease 3265–76
  secondary, Si, Auger electron spectrum, band structure influence L174–9
  LiF, thermally stimulated exoemission, trap observation 3277–91
 field emission
  tunnelling through dielectric layers, atomic core effects, three dimensional treatment 338–53
  W/Ge coated, adsorbed layer thickness dependence 2859–74
Electron energy states *see Crystal electron states*
Electron gas
  see also Metals/theory; Solids/theory; Superconductivity
  Fermi–Dirac distribution function, linear approximation 1719–24
  Hartree–Fock effective exchange interaction and static dielectric constants L165–8
  lattice dynamical model of lanthanides 1674–9
  local exchange correlation potentials 2064–83
Electron mobility, solids *see Crystal electron states/transport processes*
Electron nuclear double resonance *see ENDOR*
Electron pair annihilation
  alkali halides, positronium-like states formation L311–3
  ionic crystals, lifetime spectra and positron states 734–45
  KCL with F centres, magnetic quenching of positron long-living state L33–56
  LiF, positronium-like states formation L311–3
  NaCl, positronium-like states formation L311–3
Electron paramagnetic resonance *see Paramagnetic resonance and relaxation*
Electron–phonon interactions
  crystal, formulation in terms of rigidly moving Wannier functions 20–2
  localized potential, symmetry properties 1540–9
  semiconductor, polar, resonant polaron damping of de Haas–van Alphen oscillations 181–6
Electron spin resonance *see Paramagnetic resonance and relaxation*
Electron states in solids *see Crystal electron states*
Electron structure of solids (crystallography) *see Crystal structure atomic*
Electron structure of solids (energy structure) *see Crystal electron states*

Electron theory of metals *see Crystal electron states; Metals/theory*

Electron traps
see also Crystal electron states/impurity states and effects
KBr and KBr:Cu, thermoluminescence glow peak observation 1606–14
KCl, deformed, thermoluminescence glow peak observation 1615–7
LiF, thermoluminescence observation 1060–8

Electron resonance *see Cyclotron resonance; Paramagnetic resonance and relaxation*

Electro-optical effects
see also Optical constants
semiconductor, GaSe, electroreflectance and band-structure L273–8

Electrophotoluminescence *see Electroluminescence*

Electrostatics
see also Electric charge; Electric fields
Fe_3S_4, anisotropy induced in electrostatic field L172–4

ENDOR
see also Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation
$BaF_2:Tm^{2+}$, hyperfine structure 840–51
CaF_2, of $^{169}Tm^{2+}$ and $^{171}Yb^{3+}$, transitions and relaxation times 1258–68
$KMgF_3$: Cr, of ^{19}F and ^{53}Cr, hyperfine interactions of fluorine ions 671–81
MgF_2, F centre observation 2992–3006
MgO, ^{17}O enriched, transferred hyperfine interactions for Mn^{2+} L296–9
$SrF_2:Tm^{2+}$, hyperfine structure 840–51
SrO, trapped hole centre observation L261–3

Energy bands *see Crystal electron states/band structure; Metals/theory; Semiconducting materials; Semiconductors*

Energy loss of particles
film, electron energy loss spectra observation of double plasmon loss L81–4
Ge films, amorphous, electron energy loss spectra 1591–600

Enthalpy *see Thermodynamic properties*

Entropy properties of substances
see also Thermodynamics
alkali halides, entropy of formation of vacancy pairs 941–3
anharmonic contribution, analysis method 1703–9
KF, anharmonic contribution to entropy 1703–9

Epitaxy
n-InP films, cyclotron resonance, 10–50 K L38–42
n-InP fims, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7

Equations of state
see also Thermodynamics
methane, principle of corresponding states 3045–56
Ar, principle of corresponding states 3045–56
^4He, virial coefficient and three-body force 2734–6

Erbium
Er^{3+} emissions in excited thioindates $CdIn_2S_4$, $ZnIn_2S_4$, mechanisms 83–92
Er^{3+}, Faraday rotation in ethyl sulphate and garnet lattices 820–6
Er^{3+} in CdS:Ag, photoluminescence, sensitization 2962–6
Er^{3+} in $GdCl_3$ and $LaBr_3$, thermal and magnetic properties 1692–702
Er^{3+} in ZnSe, defect configuration 2550–6
Er^{3+} in ZnSe, photoluminescence and electroluminescence spectra comparison 1049–59

Europium
AgCl:Eu, photosensitization study 1231–41
Eu^{2+}–H^-, centres in CaF_2, infrared absorption 517–36

Examination of materials *see Electron diffraction examination of materials; Neutron diffraction examination of materials; x ray examination of materials*

Exchange interactions
alloy, resonant states effects L251–4
antiferromagnet, $DyPO_4$, magnetic interactions 2937–44
electron gas, Hartree–Fock effective interaction L165–8
many-electron system, s–d interaction derivation 1835–6
paramagnetic concentrated spin system, modulation in spin–phonon coupling 371–90
ruby:Cr^{3+}, exchange coupled triad properties 2330–40
ruby:Cr^{3+}, exchange coupled triads relaxation 2341–53
$Cs_2Cu(SO_4)_2.6H_2O$, modulation in spin–phonon coupling 371–90
$DyPO_4$, magnetic interactions 2937–44
MgO, ferromagnetic interaction between V^{2+} ions 1409–19
$(NH_4)_2PtCl_6$, superexchange interaction between Ir^{4+} ions 884–97

Excitons *see Crystal electron states/excitons*
Exoelectron emission *see Electron emission*

Faraday effect
- ethyl sulphate, Nd^{3+} and Er^{3+}, Verdet constants 820–6
- garnet lattice, Nd^{3+}, and Er^{3+}, Verdet constants 820–6
- semiconductor, cubic, with nonquadratic energy surfaces 2202–8
- n-Ge, ir free carrier rotation, effect of uniaxial stress 201–22
- n-InP epitaxial, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7
- n-Si, ir free carrier rotation, effect of uniaxial stress 201–22

Fermi gas *see Quantum fluids/fermion systems*
Fermi level *see Crystal electron states/Fermi level*
Fermi surface *see Crystal electron states/Fermi surface*
Ferrites
- *see also Magnetic properties of substances/ferrimagnetic*
- FeV_2O_4, paramagnetic susceptibility 2919–22
- $NiFe_{2-x}Mn_xO_4$, crystal structure 2266–8

Ferroelectric materials
- piezoelectric, soft modes, dielectric response L203–7
- triglycine sulphate, irradiation/field treated, molecular configuration related to switching mechanism L255–7
- $BaTiO_3$, film, flash evaporated, dielectric properties 898–909
- CsH_2AsO_4, soft modes, dielectric response L203–7
- KH_2AsO_4, soft modes, dielectric response L203–7
- KH_2PO_4, elastic constant variation near phase transition L317–22
- KH_2PO_4, dynamical model, electrical susceptibility, specific heat, isotope effect, critical behaviour 2894–902
- KH_2PO_4, dynamical model interpretation 2097–108
- $NaNO_2$, force constants of NO_2^-, temperature dependent 2557–64
- $NaNO_2$, infrared absorption and Raman scattering, multiphonon selection rules 1036–48
- $NaNO_2$, two phonon absorption, order–disorder transition 2191–201

Ferromagnetic resonance
- $MgFe_2O_4:Co^{2+}$, anisotropy and line width observations 537–44
- $MnFe_2O_4:Co^{2+}$, anisotropy and line width observations 537–44

Ferromagnetism
- *see also Antiferromagnetism; Ferromagnetic resonance; Heisenberg model; Ising lattices and models; Magnetic properties of substances/ferromagnetic; Magnetization process; Magnetization state*
- critical behaviour in multicomponent systems, high temperature series expansion 2466–74
- critical phenomena, cluster size distribution and free energy L228–32
- Ising magnet, compressible, spin-phonon interactions 1178–92
- Ising model, dilute ferromagnet, cluster expansion L325–8
- Ising model with impurities, critical properties L322–4
- itinerant system, phase transition beyond RPA 2278–96
- lineshape dependent demagnetizing field observation L282–6
- localized spin perturbation, suddenly switched, low energy response 140–3
- molecular field theory, crystal field interactions contribution 1840–54
- platelet, single domain, elliptical, magnetization, remanence loops 805–10
- spin flip processes, related to metal–nonmetal transition 2475–87
- spin susceptibility, generalized, in correlated narrow energy band model 757–64

spin wave theory
- dipole–dipole interactions, correlation functions 2673–83
- dipole–dipole interactions, thermodynamic properties 2658–72
- disordered system, Green function theory 2109–26
- excitation spectrum of arbitrary spin-density wave ground state 1560–9
- Heisenberg magnet, cubic, impurity modes 2903–18
- Heisenberg magnet, selfconsistently renormalized spin wave approximation 1365–77
- itinerant model, *t* matrix approximation of many bands 1855–65

Ferromagnets *see Magnetic properties of substances/ferromagnetic*

Field emission *see Electron emission/field emission*

Field theory, quantum
- *see also Brillouin zones; Quantum theory*
- drone-fermion representation, application to interacting spin-phonon system 313–23

Films, solid
- Ag, nucleation and critical condensation on SiO 577–83
- **electrical properties**
  - ferroelectric, BaTiO$_3$, flash evaporated, dielectric properties 898–909
  - semiconductor, GaAs, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
  - stearic acid, high field and ac properties L301–4
  - BaTiO$_3$, flash evaporated, dielectric properties 898–909
  - GaAs, semiconductor, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
  - Ge, amorphous, electron energy loss spectra 1591–600
  - n–InP epitaxial, cyclotron resonance, 10-50 K L38–42
  - SiO, Poole–Frenkel conduction in high alternating electrical fields 1341–7
- **optical properties**
  - (In,Ga)P alloys, epitaxial, thermoreflectance, band structure 1534–9

Fluids
- *see also Gases*
- critical phenomena and van der Waals forces L235–8

Fluorescence
- YAl garnet:Cr^{3+}, temperature dependence 3258–64

Frenkel defects *see Crystal imperfections/dislocations*

Frictional electricity *see Electric charge; Electrostatics*

Gadolinium
- spin wave contribution to specific heat 3215–20
- Gd^{3+}, 290, K spin Hamiltonian parameters in lanthanum ethylsulphate, epr 832–9
- Gd^{3+} in CaF$_2$, cation–interstitial fluorine pair reorientation L239–42

Gadolinium compounds
- GdB$_{4(6)}$, anomalous magnetic behaviour L292–5
- GdCl$_3$:Er^{3+}, thermal and magnetic properties in crystal field with C$_{3h}$ site symmetry 1692–702

Gallium compounds
- epitaxial, efficient yellow luminescence L344–7
- GaP, localized vibration modes of impurities 3249–57
- GaP:N, localized vibrations, ir absorption measurement L36–8
- GaSe, electroreflectance and band structure L273–8
- Gas, hopping conduction 3199–204
- (In,Ga)P alloys, epitaxial, thermoreflectance, band structure 1534–9

Gamma ray effects
- NaCl, F-colouring, radiation intensity dependence 1660–4
- β-PbF$_2$, irradiation induced absorption bands, polarized optical bleaching L91–2

Garnets
- *see also Ferrites*
- Faraday rotation of Nd^{3+} and Er^{3+}, Verdet constants 820–6
- YAl garnet:Cr^{3+}, vibronic spectrum temperature dependence, fluorescence lifetime 3258–64

Gases
- Xe, Lorentz–Lorenz function near critical region 2254–7

Germanium
- *see also Semiconducting devices; Semiconducting materials/germanium*
- adsorbed on W, thickness dependence of field emission 2859–74

Germanium compounds
- GeO$_2$, electron irradiation, vacancy–interstitial pairs 2230–9
- GeO$_2$, vitreous, normal modes of vibration 1214–20

Gibbs function *see Thermodynamic properties*

Glass
- electronic structure, CPA generalization 121–3
- semiconductor, electron states 3129–42

Graphite
- Shubnikov–de Haas oscillations, neutron irradiated 442–52

Green's function methods
- bcc lattice Green function evaluation 1510–2
- electrons in finite system, reduced function L369–72
- ensemble average for random lattice of noninteracting electrons L92–3
- fcc lattice, anisotropic nearest neighbour interactions, lattice statistics L53–6
- ferromagnet, disordered system, spin wave theory 2109–26

  Heisenberg ferromagnet, impurity spin wave modes 2903–18
  Hubbard model, narrow band solution L56–9
  Lagrangian representation, auxiliary fields, many-body theory 401–16
  periodic lattice one-electron function calculation 2623–34
  surface, electronic states, matching procedure L104–7
  wave equation for two contiguous regions, new solution method L14–8

Gruneisen relation
  perfect non-Bravais crystal with internal strains 2805–21
  RbCl, low temperature 113–6
  TlBr, heat capacity measurement at low temperature 417–26

Gyromagnetic ratio
  dilute spin system, effective ratio determination by pulsed double resonance L197–200
  ruby, Pt⁺ magnetic *g* tensor modifications due to Jahn–Teller effect 1221–30

Hall effect
  see also Semiconducting materials; Semiconductors
  diamond, temperature dependent, acceptor centre interpretation 1789–800
  semiconductor, anisotropic, comparison between single crystal, polycrystal and powders 1193–206
  semiconductor, GaAs, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
  semiconductor, n-Ge, mobility of electrons 1822–34
  semiconductor, n-Si, high field Hall mobility calculation including magnetic field effect on carrier distribution function 44–6
  GaAs, semiconductor, epitaxial, effective masses of hole carriers measurement by cyclotron resonance and Hall observation L22–6
  n-Ge, mobility of electrons 1822–34
  NiS, metal–semiconductor, transition 598–606
  n-Si, semiconductors, high field Hall mobility calculation including magnetic field effect on carrier distribution function 44–6

Hall mobility *see Semiconducting materials; Semiconductors*

Hardness, magnetic *see Magnetic properties of substances/ferromagnetic*

Harmonic oscillators *see Quantum theory*

Hartree–Fock method
  electron gas system, effective exchange interaction and static dielectric constants L165–8
  LEED and ion core scattering 2501–13
  LEED and ion core scattering 2514–23

Heat capacity *see Specific heat*

Heat conduction
  see also Conductivity, thermal
  Kapitza conductance between solid and liquid He 1085–90

Heat of formation
  alkali halides, entropy of formation of vacancy pairs 941–3

Heisenberg model
  antiferromagnet, anisotropic, surface spin waves 2354–8
  antiferromagnet, dilute, spin wave modes 2929–36
  antiferromagnet, disordered, spin waves L194–7
  antiferromagnet, metastability, broken symmetry approach 2166–79
  antiferromagnet, spin wave energy 2695–704
  antiferromagnet, thermodynamic properties, calculation methods L69–73
  classical chain with random interactions, partition function 3205–14
  ferromagnet, cubic, inpurity spin wave modes 2903–18
  ferromagnet, selfconsistently renormalized spin wave approximation 1365–77
  lattice–lattice scaling and generalized law of corresponding states 1994–2008
  paramagnetic phase, spin correlation functions calculation 53–70
  spin cluster dynamical characteristics 621–4
  susceptibility, high temperature, of anisotropic model, new coefficient in series expansion L4–5

Helicons
  semiconductor, n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33
  Al, coupled mechanical and helicon oscillations in magnetoresistance observation 435–41
  n-InSb, acoustoelectric excitation observation by helicon transmission 1519–33

Helium, gas
  atom-surface scattering, Debye-Waller factor L359–62
  ^{4}He, hf depolarized light scattering L362–6

Helium, liquid
- critical behaviour in multicomponent systems, high temperature series expansions 2466–74
- He I, hf depolarized light scattering L362–6
- impurity mobility, phase transition analogy L207–11
- interface with solid, Kapitza conductance 1085–90
- superfluid, Brillouin scattering theory L287–9
- He II, roton limited mobility ions 2457–65
- ^{3}He, heavy ion mobility 853–69
- ^{3}He saturated solution in ^{4}He, viscosity, 0·05–0·13 K 129–42
- ^{3}He, spin diffusion coefficient from stimulated spin echo observation 1479–86
- ^{3}He, viscosity, 0·05–3·0 K 129–42
- ^{3}He–^{4}He mixtures, heavy ion mobility 853–69
- ^{3}He–^{4}He mixtures, Rayleigh and Brillouin scattering L225–8
- ^{4}He, correlation energy, three-body force effect 2734–6
- ^{4}He, ionic mobility 1645–51

Helium, solid
- ^{3}He ground state energy, pressure and compressibility L168–71

Holes *see Crystal electron states; Semiconducting materials; Semiconductors*

Hubbard model *see Crystal electron states/band structure*

Hydrogen
- hydride ions, paired with Yb^{2+} or Eu^{2+} in CaF_2, infrared absorption 517–36

Hyperfine structure *see Crystals/hyperfine field interactions; Paramagnetic resonance and relaxation*

Hysteresis
- *see also Dielectric phenomena; Dielectric properties of substances; Magnetization process*
- ferromagnetic single domain elliptical platelets, magnetization, remanence loops 805–10

Ice
- cubic, symmetry analysis and band structure L314–6

Imperfections in solids
- *see also Alloys; Crystal imperfections*

Impurities *see Crystal imperfections/impurities; Semiconducting materials*

Impurity electron states *see Crystal electron states/impurity states and effects*

Indium
- Sondheimer size effect 1764–77

Indium compounds
- (In, Ga)P alloys, epitaxial, thermoreflectance, band structure 1534–9
- n-InP epitaxial films, cyclotron resonance, 10–50 K L38–42
- n-InP epitaxial films, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7

indium antimonide
- second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
- tuning range increase of intense magneto spin-flip scattering of 10·6 μm radiation L63–7

Inert gases
- *see also the individual gases*
- elastic constants, three-body interactions and lattice sum L355–7
- solid, van der Waals interactions, high order multipole three body terms, and stability 307–12
- in CaF_2, energetics, trapping and diffusion, Born model calculations 298–306

Insulating materials, electrical *see Dielectric properties of substances*

Insulating materials, thermal *see Conductivity, thermal*

Interface phenomena
- *see also Surface phenomena*
- solid–liquid He, Kapitza conductance 1085–90
- Ar, liquid–vapour density transition, statistical mechanical calculation 1909–20
- Ar, liquid–vapour, density transition, statistical mechanical calculation 1921–8

Intermetallic compounds *see Alloys; Semiconducting materials and under the compounds of the individual metals*

Internal friction
- ionic crystal, strain amplitude dependent friction, neutron irradiation effects 1725–33
- $CaF_2 : Gd^{3+}$, anelastic relaxation observation of cation-interstitial fluorine pair reorientation L239–42
- $NaCl : Mn^{2+}$, anelastic loss peaks, vacancy jump kinetics 1945–57
- NaCl, strain amplitude dependence, neutron irradiation effects 331–8
- NaCl, strain amplitude dependent friction, neutron irradiation effects 1725–33

liquids *see Viscosity*

Interstitials *see Crystal imperfections/interstitials*
Ion velocity
  He II, roton limited mobility of ions 2457–65
Ionic conduction, solids
  KCNS, Schottky pair form 584–90
  NaI, cation selfdiffusion contribution 2742–8
  NaI : Cd^{2+}, cation selfdiffusion contribution 2737–41
Iridium
  Ir^{4+} in $(NH_4)_2PtCl_6$, superexchange interaction 884–97
Iron
  Fe^{2+} in MgO, spin-phonon interaction contribution 2583–92
  Fe^{3+} epr in zoisite 1251–7
  Fe^{3+} spin–lattice relaxation in corundum
  MgO : Fe^{3+}, vacancy–impurity association, epr observation 107–16
Iron compounds
  $FeBr_2$, magnetic heat capacity, low temperature 876–83
  FeF_2, quadrupole splitting of ^{57}Fe generated by 3d electron 2705–12
  FeGe, hexagonal, energy bands, APW calculation 2052–63
  FeI_2, magnetic heat capacity, low temperature 876–83
  $(Fe_{1-x}Rh_x)_2O_3$ system, Mössbauer effect, hfs 2386–407
  $Fe_{1-x}O$, vacancy/interstitial ratio 2160–5
  Fe_3S_4, anisotropy induced in electrostatic field L172–4
  $FeSiF_6 . 6H_2O$, proton nmr observation, relation to crystal structure 117–25
  FeV_2O_4, paramagnetic susceptibility 2919–22
Ising latices and models
  antiferromagnet, magnetostriction model, second order phase transition 2572–82
  antiferromagnet, smoothness postulate validity 2684–94
  compressible system, short range order behaviour 3221–3
  ferromagnet, dilute, cluster expansion L325–8
  ferromagnet with impurities, critical properties L322–4
  lattice–lattice scaling and generalized law of corresponding states 1994–2008
  magnet, compressible, spin–phonon interactions 1178–92
  metastability, broken symmetry approach 2166–79
  one dimensional model, inverse square, Kondo problem analogy 607–20
  phase transition, ground state properties 2370–85
  phase transition, high temperature, susceptibility expansion 2359–69
Isomorphism
  cubic symmetry, $(3d)^n$ ions, real orbital operators and fictitious operators 2017–23
Isotope effects
  $NaNO_2$, NO_2^- internal mode shifts 2557–64

Jahn–Teller effect
  coupled system, phase transition and acoustic anomalies L317–22
  cubic site, Hamiltonian for p state equally coupled to E_{2g} and T_{2g} vibrations 2524–36
  ruby, Pt^+ magnetic *g* tensor modification 1221–30
  transition metal ions, $3d^9$, at tetrahedral sites, field models modification 2713–24
  CaO, F^+ absorption band observation 2537–49
  $DyVO_4$, cooperative distortions, related to phase transitions L179–83
  $DyVO_4$, phase transition and acoustic anomalies L317–22
  $KZnF_3$, Cu–Mn pair observation 1866–73
  $TbVO_4$, cooperative distortions, related to phase transitions L179–83

Kohn effect *see Crystal electron states; Crystal/lattice mechanics*
Kondo effect
  localized spin perturbation, suddenly switched, low energy response 140–3
  scaling technique, Ising model application 607–20
Krypton
  solid, anharmonic contribution to ^{83}Kr Mössbauer fraction 1929–35
  solid, free energy at finite temperature 2759–70
  solid, sound velocity, polycrystalline sample, 52–115 K, u.s. pulse-echo measurement L6–8

Lanthanides *see Rare earth metals*
Lanthanum compounds
  ethyl sulphate, praseodymium doped, selection rules and symmetry for spectra 1885–9

- **$LaBr_3$: Er^{3+}(Pr^{3+})**, thermal and magnetic properties in crystal field with C_{3h} site symmetry 1692–702

Laser beam effects
- semiconductor, InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
- CO_2 radiation, 10·6 μm, tuning range increase of intense magneto spin-slip scattering in InSb L63–7
- n–InP epitaxial films, cyclotron resonance observation, 10–50 K L38–42
- InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49

Lattice constants *see Crystal structure, atomic*

Lattice dynamics *see Crystals/lattice mechanics*

Lattice energy
- cubic crystal, free energy at finite temperature 2759–70
- ionic crystal, lattice sums evaluation 1652–5
- point charge lattice, charge distribution potential calculations 263–76
- point charge lattice, charge distribution potential calculations 277–88

Lattices, theory and statistics
- bcc lattice Green function evaluation 1510–2
- critical behaviour in multicomponent systems, high temperature series expansions 2466–74
- fcc, anisotropic, Green function L53–6
- Heisenberg model, anisotropic, high temperature susceptibility L4–5
- lattice–lattice scaling and generalized law of corresponding states 1994–2008

Lead compounds
- β-PbF_2, γ irradiation induced absorption bands, polarized optical bleaching L91–2

LEED
- *see also Electron diffraction crystallography; Electron diffraction examination of materials*
- ion core scattering model 2501–13
- ion core scattering model 2514–23
- Cu surface, ion core scattering model 2514–23

Linewidths *see Spectral line breadth*

Liquid helium *see Helium, liquid*

Liquid metals
- disordered system, single site CPA for cellular and structure disorder L271–3
- electronic structure, CPA generalization 123–6
- surface oscillations, statistical mechanical calculation 1909–20

Liquid structure
- electronic structure, CPA generalization 121–3
- itinerant oscillator model 545–63
- itinerant oscillator model and dielectric loss 564–8
- metal, electronic structure, CPA generalization 123–6
- methane, liquid, multiple neutron scattering effects, atomic motions 2725–33
- molecular dynamics and density fluctuations 3057–64
- partial structure factors separation using anomalous scattering of x rays or neutrons 3029–33
- surface properties, molecular dynamics, statistical mechanical calculation 2447–56
- surface properties, statistical mechanical calculations 2433–46
- triplet correlation function 1453–65
- van der Waals forces and critical phenomena L235–8
- velocity autocorrelation function 1466–78
- CuCl, partial structure factors 3034–44

Liquid theory
- disordered system, single site CPA for cellular and structure disorder L271–3
- itinerant oscillator model 545–63
- itinerant oscillator model and dielectric loss 564–8
- molecular dynamics and density fluctuations 3057–64
- surface properties, molecular dynamics, statistical mechanical calculation 2447–56
- surface properties, statistical mechanical calculation 1909–20
- surface properties, statistical mechanical calculation 1921–8
- surface properties, statistical mechanical calculation 2433–46
- triplet correlation function 1453–65
- van der Waals forces and critical phenomena L235–8
- velocity autocorrelation function 1466–78

Lithium compounds
- LiCl, lattice dynamics 2749–58
- LiCl, x ray Compton profile L366–9
- LiH, lattice dynamics 2749–58
- LiH structure factors and Compton profile orbital wavefunction calculation L163–5
- $LiNbO_3$ longitudinal hypersonic wave attenuation 1124–9

$LiNbO_3$, phonon frequencies, selection rules for inelastic neutron scattering 1091–104

lithium fluoride

colour centres, thermal bleaching 1060–8

F centre production on uv illumination, photolysis mechanism L67–9

lattice dynamics 2749–58

positronium-like states formation L311–3

thermoluminescence sensitivity, radiation-induced increase 3277–91

Localized states *see Crystal electron states*

Luminescence, inorganic solids

diamond, photoluminescence from defect centres 2223–9

group II–VI compounds, rare earth photoluminescence, sensitization 2962–6

quartz, fired, radiation-induced increase in thermoluminescence sensitivity 3265–76

$CdIn_2S_4:Er^{3+}$, excitation mechanisms 83–92

$CdS:Ag, Er^{3+}$ photoluminescence, sensitization 2962–6

CdTe, edge and exciton emission centres interpretation 641–53

GaP:N, epitaxial, cathodo- and electroluminescence L344–7

HgS, localized level observation 1890–7

KBr and KBr : Cu, glow peaks, trap depths, F centre excitation 1606–14

KCl, deformed, glow peak observation of electron traps 1615–7

KCl : KI–Sn, anions influence on spectral characteristics 1069–74

LiF dosimetry phosphor, radiation-induced increase in thermoluminescence sensitivity 3277–91

YAl garnet : Cr^{3+}, vibronic spectrum temperature dependence, fluorescence lifetime 3258–64

$ZnIn_2S_4:Er^{3+}$, excitation mechanisms 83–92

$ZnSe:Er^{3+}$, photoluminescence and electroluminescence spectra comparison 1049–59

Magnesium compounds

$MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion L342–4

MgF_2, epr and ENDOR, F centres 2992–3006

MgF_2, epr and optical absorption, F centres 3007–14

$MgFe_2O_4:Co^{2+}$, ferromagnetic resonance, anisotropy and line width observations 537–44

MgO, epr of V^{2+} and Cr^{3+} in orthornombic symmetry sites 1242–50

MgO, exhange interaction between V^{2+} ions 1409–19

MgO, F_t centre, electronic levels 1289–98

MgO, neutron irradiation damage 1487–95

MgO, pre-irradiation annealing effect on radiation damage 1496–504

MgO, ^{17}O enriched, transferred hyperfine interactions for Mn^{2+} L296–9

$MgO:Fe^{2+}$, specific heat, spin–phonon interactions for Mn^{2+} L296–9

$MgO:Fe^{2+}$, specific heat, spin–phonon interaction contribution 2583–92

$MgO:Fe^{3+}$, vacancy–impurity association, epr observation 107–16

Magnetic domains *see Domains*

Magnetic field effects

KCl with F centres, quenching of positron long-living state L33–56

Magnetic films *see Films, solid/magnetic properties*

Magnetic hysteresis *see Magnetization*

Magnetic properties of substances

see also Films, solid/magnetic properties

V complex, $(V(urea)_6)(ClO_4)_3$, ligand field studies 3301–6

antiferromagnetic

see also Antiferromagnetism

$CuCl_2$, $2H_2O$, low temperature magnetic thermal expansion 2923–8

$DyAsO_4$, magnetic structure 3224–33

$DyPO_4$, exchange interactions 2937–44

$DyVO_4$, structure, neutron diffraction 811–9

$GdB_{4(6)}$, anomalous behaviour, ordering L292–5

$KCoF_3$, magnon–phonon interaction 2127–38

$KCoF_3$, magnon–phonon interaction 2139–59

MnF_2, diffuse neutron magnetic scattering, 4·2 K L258–61

MnF_2, u.s. attenuation near Néel point, temperature dependence 1513–8

$NdCl_3$, magnetostriction model, second order phase transition 2572–82

NiO, elastic constants, anomalies at transition point 1983–7

NiO, magnetostriction, strain temperature dependence 2565–71

NiS, ordering, relation to metal–semiconductor transition 598–606

- $PrCl_3$, magnetostriction model, second order phase transition 2572–82
- Tb, spin dynamics at and above Néel temperature, critical neutron scattering observation 71–9

ferromagnetic

- *see also Ferromagnetic resonance; Ferromagnetism; Magnetization process; Magnetization state*
- Gd, spin wave contribution to specific heat 3215–20

paramagnetic

- *see also Paramagnetic resonance and relaxation; Paramagnetism*
- Heisenberg ferromagnet, paramagnetic phase, spin-correlation functions calculation 53–70
- rare earth double nitrates, Van Vleck temperature independent paramagnetism 1013–21
- $Al_2O_3 : Cr^{3+}$, magnetic diffuse scattering of neutrons 1279–83
- $Cs_2Cu(SO_4)_2 : 6H_2O$, spin–phonon coupling by isotropic exchange modulation 371–90
- $CuCl_2 . 2H_2O$, low temperature magnetic thermal expansion 2923–8
- FeV_2O_4, susceptibility, Curie constant 2915–22
- $GdCl_3 : Er^{3+}$, susceptibility in crystal field with C_{3h} site symmetry 1692–702
- $LaBr_3 : Er^{3+}(Pr^{3+})$, susceptibility in crystal field with C_{3h} site symmetry 1692–702

transitions

- Hubbard model, narrow band solution L56–9
- Ising system, magnetostriction model for second order transition 2572–82
- Landau theory applications 2488–500
- magnetostriction model for second order transition 2572–82
- related to metal–nonmetal transition 2475–87
- $DyAsO_4$, ordering, neutron diffraction observation 3224–33
- MnF_2, u.s. attenuation near Néel point temperature dependence 1513–8
- $NdCl_3$, second order transition, magnetostriction model 2572–82
- NiO, elastic constants anomalies at transition point 1983–7
- NiO, forced exchange magnetostriction discontinuity at Néel point 2565–71
- $PrCl_3$, second order transition, magnetostriction model 2572–82
- Tb, spin dynamics at and above Néel temperature, critical neutron scattering observation 71–9

Magnetic resonance and relaxation

- *see also Ferromagnetic resonance; Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation; Spin–lattice relaxation*
- acoustic saturation observation, spin–phonon coupling mechanism 371–90
- anisotropic magnetic, theory 80–2
- $Cs_2Cu(SO_4)_2 . 6H_2O$, magnetically concentrated spin system, acoustic saturation observation, spin–phonon coupling 371–90

Magnetism

- *see also Antiferromagnetism; Ferromagnetism; Paramagnetism*
- molecular field theory, crystal field interactions contribution 1840–54

Magnetization process

- platelet, elliptical, single domain, remanence loops 805–10

Magnetization state

- *see also Domains*
- superconductor, magnetization curves, absolute calibration method 1837–9

Magnetocrystalline anisotropy

- *see also Magnetic properties of substances; Magnetization state*

Magneto-optical effects

- *see also Faraday effect; Optical constant*
- alkali halides, Cd^+ ion properties, magnetic circular dichroism observation 1505–9

Magnetoresistance

- linear networks of coupled orbits, large amplitude quantum oscillations 474–91
- linear networks of coupled orbits, partial phase coherence 458–73
- Al, coupled mechanical and helicon oscillations 435–41
- In, Sondheimer size effect 1764–77
- n–InP epitaxial films, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7
- Se, liquid, conduction mechanism 2247–53
- Se, liquid, thermopower 2447–53
- Sn, linear networks of coupled orbits, large amplitude quantum oscillations 474–91

Magnetostatic waves *see Spin waves*

Magnetostriction

- antiferromagnet, insulating, second order phase transition model 2572–82
- Ising system, second order phase transition model 2572–82
- $NdCl_3$, second order phase transition model 2572–82

NiO, anisotropic and forced exchange magnetostriction, temperature dependence 2565–71
PrCl$_3$, second order phase transition model 2572–82
Magnons *see Spin waves*
Manganese
Mn^{2+}, epr in BaO in trigonal symmetry sites 3292–6
Mn^{2+} in KMnF$_3$, optical absorption 1866–73
Mn^{2+} in NaCl, anelastic loss peaks, vacancy jump kinetics 1945–57
Mn^{2+} in ^{17}O enriched MgO, transferred hyperfine interactions L296–9
Manganese compounds
MnF$_2$, diffuse neutron magnetic scattering, 4·2 K L258–61
MnF$_2$, u.s. attenuation near Néel point, temperature dependence 1513–8
MnFe$_2$O$_4$: Co^{2+}, ferromagnetic resonance, anisotropy and width observations 537–44
MnO, optical phonon modes 1299–305
Many-body problems
auxilary fields, linear response, Lagrangian representation for Green functions 401–16
density functional theory and von Weizsacker method 1322–30
Meissner effect *see Superconductivity*
Mercury compounds
HgCl$_2$, electric field gradient of ^{35}Cl resonance 1898–902
HgS, photoconduction and luminescence quenching 1890–7
Metal–insulator–metal structures and devices
tunnel junction, direct calculation of tunnelling current 916–29
tunnelling current calculation, free electron description 2598–610
tunnelling current calculation, localized impurity states influence 2611–22
Metal–semiconductor boundaries *see Semiconductor metal boundaries*
Metallo-organic compounds *see Organic compounds*
Metals
anharmonic, phonon spectrum calculation method 1680–91
antiferromagnetic, electrical resistivity anomalies above Néel point L153–6
atom-surface scattering, Debye–Waller factor L359–62
optical absorption, relaxation and finite hole mass effects 1387–98
liquid *see Liquid metals*
theory
disordered system, partition function calculations L59–61
electron gas, effective exchange interaction and static dielectric constants L165–8
electron–phonon interaction, localized potential, symmetry properties 1540–9
Fermi impurity mobility, phase transition analogy L207–11
Hubbard decoupling scheme 147–9
impurity screening in magnetic field, oscillatory terms L242–6
linear networks of coupled orbits, large amplitude quantum oscillations 474–91
linear networks of coupled orbits, partial phase coherence 458–73
localized spin perturbation, suddenly switched, low energy response 140–3
magnetoresistance, linear networks of coupled orbits, large amplitude quantum oscillations 474–91
one dimensional random alloy, electronic energy spectrum L94–6
plasmon loss, double, electron energy loss spectra observation L81–4
pseudopotential equation, Schrödinger, similarity transform L97–100
pseudopotential theory, cancellation theorem 427–34
quantum size effect, band theory, model 1734–6
random lattice, Green function, ensemble average L92–3
Mica
paramagnetic resonance spectra, muscovite and phlogopite, related to orthorhombic Fe^{3+} centres L11–3
Microwave spectra *see Spectra*
Minerals
zoisite, epr of VO^{2+}, Cr^{3+} and Fe^{3+} 1251–7
Molecular orbitals *see Orbital calculation methods*
Molecules
see also Spectra
diffusion coefficients for systems with inverse twelfth power repulsive potentials L305–8
elastomers and glycerol, nuclear spin lattice relax, relation to stochastic isotropic translation of protons L21–2
reorientation in solids, nmr study 1437–43
Mollier diagrams *see Thermodynamic properties*
Molybdenum compounds
MoS$_2$, optical absorption of alkali metal intercalation products, band model L18–20

  - MoS_2, reflectivity, vacuum u.v., interband transitions, plasma resonance L378–81
- **Mössbauer effect**
  - cyclohexane, solid, molecular dynamics observation 2220–2
  - $(Fe_{1-x}Rh_x)_2O_3$ system, h.f.s., bonds 2386–407
  - FeF_2, quadrupole splitting of ^{57}Fe generated by 3d electron 2705–12
  - Kr, solid, anharmonic contribution to ^{83}Kr Mössbauer fraction 1929–35

- **Neodymium**
  - Nd^{3+}, Faraday rotation in ethyl sulphate and garnet lattices 820–6
- **Neodymium compounds**
  - $NdCl_3$, magnetostriction model, second order phase transition 2572–82
- **Neon**
  - N_2–Ne solidified binary mixtures, crystal structure 689–96
- **Neutron diffraction crystallography**
  - collective excitations in charged systems 1168–77
  - Heisenberg ferromagnet, paramagnetic phase, spin-correlation functions calculation, application to inelastic neutron scattering calculation 53–70
- **Neutron diffraction examination of materials**
  - amorphous binary system, partial structure factors separation 3029–33
  - antiferromagnet, $DyAsO_4$, magnetic structure 3224–33
  - antiferromagnet, $DyVO_4$, structure 811–9
  - antiferromagnet, $KCoF_3$, magnon–phonon interaction 2139–59
  - antiferromagnet, $KCoF_3$, magnon–phonon interaction 2127–38
  - antiferromagnet, MnF_2, diffuse magnetic scattering, 4·2 K L258–61
  - liquid, partial structure factors separation 3029–33
  - magnetic salts, elastic scattering by unfilled shells configurations 3307–21
  - magnetic scattering cross section for charged systems 1168–77
  - methane, liquid, multiple scattering effects, atomic motions 2725–33
  - phonon frequencies, selection rules for inelastic neutron scattering 1091–104
  - $Al_2O_3:Cr^{3+}$, magnetic diffuse scattering 1279–83
  - Ar, phonon frequency temperature dependence 870–5
  - CaF_2 with excess anions, defect structure, Bragg scattering observation 3107–21
  - CaO, phonon dispersion relations 2009–16
  - CuCl, liquid, partial structure factors 3034–44
  - $DyAsO_4$, magnetic structure 3224–33
  - $DyVO_4$, antiferromagnetic, structure, neutron diffraction 811–9
  - $Fe_{1-x}O$, vacancy/interstitial ratio 2160–5
  - $KCoF_3$, magnon–phonon interaction 2127–38
  - $KCoF_3$, magnon–phonon interaction 2139–59
  - $LiNbO_3$, phonon frequencies, selection rules for inelastic neutron scattering 1091–104
  - MnF_2, diffuse magnetic scattering, 4·2 K L258–61
  - MnO, optical phonon modes 1299–305
  - $Ni\ Fe_{2-x}Mn_xO_4$, crystal structure 2266–8
  - RbBr, lattice dynamics 958–65
  - Tb, spin dynamics at and above Néel temperature, critical neutron scattering, observation 71–9
- **Neutrons and antineutrons, effects**
  - diamond, lattice expansion, annealing effects, x ray observation 257–63
  - graphite, Shubnikov–de Haas oscillations 442–52
  - ionic crystal, irradiation effects on strain amplitude dependent internal friction 1725–33
  - Ar, solid, stored energy related to defect production 324–30
  - MgO, pre-irradiation annealing effect on radiation damage 1496–504
  - MgO, radiation damage 1487–95
  - NaCl, internal friction strain amplitude dependence during fast irradiation 331–8
  - NaCl, irradiation effects on strain amplitude dependent internal friction 1725–33
- **Nickel**
  - impurity, in ZnSe, absorption spectra, liquid helium temperature 512–6
  - Ni^+ at tetrahedral sites, field models modification, Jahn–Teller interaction 2713–24
- **Nickel compounds**
  - $NiFe_{2-x}Mn_xO_4$, crystal structure 2266–8
  - NiO, elastic constant, magnetic transition point anomalies 1983–7
  - NiO, magnetostriction, strain temperature dependence 2565–71
  - NiS, metal–semiconductor transition 598–606

Niobium compounds
  NbSe$_2$, optical absorption of alkali metal intercalation products, band model L18–20
  NbSe$_2$, reflectivity, vacuum u.v., interband transitions, plasma resonance L378–81
Nitrogen
  solid, electric quadrupole–quadrupole interaction L281–2
  in GaP, localized vibrations, ir absorption measurement L36–8
  GaP:N, epitaxial, efficient yellow luminescence L344–7
Nitrogen compounds
  N$_2$–Ar(Ne)(Xe) solidified binary mixtures, crystal structure 689–96
 ammonium compounds
  NH$_4$Br(Cl), Schottky defect energies 1108–16
  NH$_4$F, esr of Cu^{2+}, tetrahedral site observation 2967–78
  (NH$_4$)$_2$PtCl$_6$, superexchange interaction between Ir^{4+} ions 884–97
Noble gases *see Inert gases*
Noncrystalline state *see Amorphous state; Vitreous state*
Nonlinear optics
  longitudinal modes detection by ir reflection 174–80
  semiconductor, InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
  InSb, second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
Nuclear fission products
  gas release from ceramic fuel, inert gas diffusion in CaF$_2$ model 298–306
Nuclear magnetic resonance and relaxation
  1,3,5 cycloheptatriene, heat capacity transition point observation 1903–8
  dilute spin systems, small resonance shifts resolution by pulsed double resonance L197–200
  elastomers and glycerol, spin lattice relaxation relation to stochastic isotropic translation of protons L21–2
  line narrowing, symmetrized pulse sequences 1444–52
  ^{3}He, liquid, spin diffusion coefficient from stimulated spin echo observation 1479–86
  molecular crystal, quantum tunnelling effects on linewidth 1075–81
  molecular reorientation effects in solids 1437–43
  polytetrafluorethylene, small resonance shifts resolution by pulsed double resonance L197–200
  rapidly rotating solids, spectral line width, reorienting molecular group effects 391–400
  rare earth aluminates, of ^{27}Al, internal electrical and magnetic fields 1426–36
  NaI, relaxation via selfdiffusion processes 2742–8
  tunnelling effects on linewidth 1075–81
Nuclear quadrupole resonance
  3,4-dichloronitrobenzene, Zeeman spectra 3322–7
  spin–lattice relaxation, orientation dependence in crystals 227–34
  HgCl$_2$, electric field gradient of ^{35}Cl resonance 1898–902
  NaNO$_3$, spin–lattice relaxation of ^{23}Na, orientation dependence 2945–61
Nuclear reactors, fission
  ceramic fuel, fission gas release, inert gas diffusion in CaF$_2$ model 298–306
Nuclear relaxation *see Nuclear magnetic resonance and relaxation*
Nuclear–solid interactions *see Mössbauer effect*
Nucleation
  Ag film, and critical condensation on SiO 577–83
Nuclei with $A \leqslant 5$
  ^{1}H, nmr in FeSiF$_6$.6H$_2$O, relation to crystal structure 117–25
Nuclei with $6 \leqslant A \leqslant 19$
  ^{13}C effective magnetogyric ratio of dilute spin system L197–200
  ^{19}F ENDOR in KMgF$_3$:Cr 671–81
  ^{17}O enriched MgO, ENDOR, transferred hyperfine interactions L296–9
Nuclei with $20 \leqslant A \leqslant 49$
  rare earth aluminates, of ^{27}Al, internal electrical and magnetic fields 1426–36
  ^{35}Cl nqr in HgCl$_2$ 1898–902
  ^{23}Na quadrupole spin–lattice relaxation in NaNO$_3$ 2945–61
Nuclei with $50 \leqslant A \leqslant 89$
  ^{53}Cr ENDOR in KMgF$_3$:Cr 671–81
  ^{57}Fe Mössbauer effect in FeF$_2$ 2705–12
  ^{57}Fe Mössbauer effect in (Fe$_{1-x}$Rh$_x$)$_2$O$_3$ 2386–407
  ^{83}Kr Mössbauer fraction in solid Kr 1929–35
Nuclei with $150 \leqslant A$
  ^{169}Tm^{2+} ENDOR in CaF$_2$ 1258–68
  ^{171}Yb^{3+} ENDOR in CaF$_2$ 1258–68

Optical constants
  see also Absorption/light

- semiconductor, dispersion, Algol program L223–5
- As_2S_3, vitreous, absorption coefficients and temperature coefficient of refractive index determined 93–106

Optical films *see Films, solid/optical properties*

Optical mode, crystals *see Crystals/lattice mechanics*

Orbital calculation methods
- selfconsistent local orbital wavefunction calculation of LiH structure factors L163–5

Order–disorder changes
- alloy, binary, effects on residual resistivity 354–63
- ferroelectric transition in $NaNO_2$ 2191–201
- $NaNO_2$, ferroelectric transition 2191–201

Organic compounds
- anthracene, Frenkel exciton–phonon interaction 2024–8
- 1,3,5-cycloheptatriene, solid, nmr, heat capacity transition point 1903–8
- cyclohexane, solid, molecular dynamics, Mössbauer scattering observation 2220–2
- 3,4-dichloronitrobenzene, nqr Zeeman spectra 3322–7
- elastomers and glycerol, nuclear spin lattice relaxation, relation to stochastic isotropic translation of protons L21–2
- ethylene, solid, reorientation process L161–3
- ethyl sulphate, Faraday rotation of Nd^{3+} and Er^{3+}, Verdet constants 820–6
- hexamethylenetetramine, molecular dynamics, thermal diffuse scattering of x rays observation 23–35
- β-hydrogen phthalocyanine, tight binding energy band structure calculation 3122–8
- lanthanum ethyl sulphate, praseodymium doped, selection rules and symmetry for spectra 1885–9
- lanthanum ethyl sulphate, 290 K spin Hamiltonian parameters of Gd^{3+}, epr spectra 832–9
- methane, liquid, equation of state 3045–56
- methane, liquid, multiple neutron scattering effects, atomic motions 2725–33
- molecular crystal, absorption intensities 1874–8
- molecular crystal, tunnelling effects on nuclear magnetic resonance linewidth 1075–81
- 2-naphthoic acid, crystal, polarized absorption spectra, 90 K 827–31
- rare earth ethyl sulphates, interactions between Ce ions 1618–30
- rare earth ethyl sulphates, interactions between ion pairs 1631–43
- stearic acid films, high field and ac properties L301–4
- triglycine sulphate, irradiation/field treated, crystal structure L255–7
- urea, lattice dynamics 2304–12

Organometallic compounds *see Organic compounds*

p–n junctions *see Semiconducting devices*

Paraelectric materials *see Dielectric properties of substances*

Paramagnetic resonance and relaxation *see also ENDOR; Spin–lattice relaxation*
- lanthanum ethyl sulphate, 290 K spin Hamiltonian parameters of Gd^{3+} 832–9
- lineshapes calculation method 1420–5
- micas, muscovite and phlogopite, spectra observation, relation to orthorhombic Fe^{3+} centres L11–3
- rare earth ethyl sulphates, interactions between Cl ions 1618–30
- strain modulation by us waves 116–8
- reflection of sound, resonant, from surface of a paramagnet 492–7
- zoisite, of VO^{2+}, Cr^{3+} and Fe^{3+} 1251–7
- AgCl : Eu, photosensitization study 1231–41
- Al_2O_3 : Fe, corundum, spin lattice relaxation 3297–300
- BaO, of Mn^{2+} in trigonal symmetry sites 3292–6
- GeO_2, electron irradiation, vacancy–interstitial pairs 2230–9
- $KMgF_3 : V^{2+}$, exchange-coupled pairs 1399–408
- MgF_2, F centre observation 2992–3006
- MgF_2, F centre observation 3007–14
- MgO, exchange interaction between V^{2+} ions 1409–19
- MgO, of V^{2+} and Cr^{3+} in orthorhombic symmetry sites 1242–50
- $MgO : Fe^{3+}$, vacancy–impurity association, epr observation 107–16
- $Na_2Zn(SO_4)_2.4H_2O : CU^{2+}$, electric field symmetry, g factors, hyperfine constants L347–50
- NH_4F, of Cu^{2+}, tetrahedral site observation 2967–78
- n-Si, hyperfine interaction, temperature dependence 654–70

Paramagnetism
  see also Magnetic properties of substances/paramagnetic
  disordered solid, localized states, external magnetic field L107–8
  Heisenberg ferromagnet, paramagnetic phase, spin-correlation functions calculation 53–70
  molecular field theory, crystal field interactions contribution 1840–54
  spin–phonon system, coupled, free energy L266–8
  spin system interacting with phonons, thermodynamic properties calculations using drone–fermion representation 313–23

Particle range *see Energy loss of particles*

Permeability, magnetic *see Magnetic properties of substances; Magnetization process*

Permittivity
  ferroelectric, $BaTiO_3$ films, thickness dependence 898–909
  $BaTiO_3$ films, thickness dependence 898–909

Phase diagrams *see Phase equilibrium*

Phase equilibrium
  critical fluid, van der Waals forces L235–8

Phase transformations, solid state *see also Order–disorder changes*
  Jahn–Teller coupled systems L317–22
  $DyVO_4$, antiferromagnetic, structure, neutron diffraction 811–9
  $DyVO_4$, Jahn–Teller transition L317–22
  $DyVO_4$, related to cooperative Jahn–Teller distortions L179–83
  $TbVO_4$ related to cooperative Jahn–Teller distortion L179–83

Phonon drag *see Crystal electron states/transport processes; Crystals/lattice mechanics*

Phonon–electron interactions *see Electron–phonon interactions*

Phonons
  see also Crystals/lattice mechanics
  anthracene, Frenkel exciton–phonon interaction 2024–8
  antiferromagnet, $KCoF_3$, magnon–phonon interaction 2139–59
  antiferromagnet, $KCoF_3$, magnon–phonon interaction 2127–38
  collision operators, Callaway model 2785–91
  cubic crystal, low temperature anharmonic attenuation of transverse hypersonic waves 1306–21
  cubic crystal, related to anharmonic effects in thermal diffuse x ray scattering 289–97
  diamond, two-phonon ir absorption spectrum, electric field-induced changes 235–9
  dielectric, hf thermal propagation data application to phonon relaxation times measurement 2089–96
  dispersion and absorption, by reflection of sound, resonant, from surface of a paramagnet 492–7
  ferroelectric, $NaNO_2$, two-phonon absorption 2191–201
  Jahn–Teller coupled systems, acoustic modes coupling with two-level electronic systems L317–22
  Jahn–Teller, Hamiltonian for p state equally coupled to E_{2g} and T_{2g} vibrations 2524–36
  liquid surface, molecular dynamics, statistical mechanical calculation 2447–56
  molecular crystal, Frenkel exciton–phonon interaction 2024–8
  paramagnetic spin–phonon coupling in magnetically concentrated spin system 371–90
  quartz, three-phonon interactions L308–10
  rare earth ethyl sulphates, interactions between Ce ions due to virtual phonon exchange 1618–30
  rare earth ethyl sulphates, interactions between ion pairs due to virtual phonon exchange 1631–43
  semiconductor, Ge, hypersonic attenuation via exciton–phonon interaction 2799–804
  semiconductor, zero gap, long wavelength acoustic phonons, effective dynamical matrix 2771–84
  spectral lines, phonon interaction broadened, Weisskopf–Wigner relation validity 1022–35
  spin–phonon system, coupled, free energy L266–8
  spin–phonon system, coupled, thermodynamic properties 2583–92
  spin system interacting with phonons, thermodynamic properties calculations using drone–fermion representation 313–23
  Ar, phonon frequency temperature dependence 870–5
  BN, pyrolytic, thermal conduction, Umklapp process 1710–8
  CaO, vibronic properties of F^+ absorption band 2537–49

DyVO$_4$, acoustic modes coupling with two level electronic system L317–22
Ge, hypersonic attenuation via exciton phonon interaction 2799–804
KCoF$_3$, magnon–phonon interaction 2139–59
KCoF$_3$, magnon–phonon interaction 2127–38
KH$_2$PO$_4$, dynamical model interpretation 2097–108
MgO : Fe^{2+}, specific heat, spin–phonon interaction contribution 2583–92
MnO, optical phonon modes 1299–305
NaNO$_2$, infrared absorption and Raman scattering, multiphonon selection rules 1036–48
NaNO$_2$, two phonon absorption 2191–201
RbBr, phonon frequency spectrum 958–65
YAl garnet : Cr^{3+}, vibronic spectrum temperature dependence, fluorescence lifetime 3258–64

Photochemistry
  LiF, F centre production on uv illumination, photolysis mechanism L67–9

Photoconductivity
  p-Ge, photon drag effect, sign reversal 2209–19
  HgS, thermal and ir quenching 1890–7

Photodissociation *see Photochemistry*

Photovoltaic effects
  p-Ge, photon drag effect, sign reversal 2209–19
  p-Ge, photon drag tensor L376–8

Piezoelectricity
  acoustic travelling waves, time periodic, propagation in piezoelectric semiconductors, theory 36–43
  ferroelectric, soft modes, dielectric response L203–7
  quartz, hypersonic wave attenuation L308–10
  semiconductor, CdS, electron beam excited, transient acoustoelectric interaction, drifting charge carriers 795–804
  semiconductor, nonlinear acoustic waves 783–94
  semiconductor, nonlinear acoustoelectric phenomena 2319–21
  CdS acoustoelectric oscillator, electrical response, mechanical loading effects 971–87
  CdS, electron beam excited, transient acoustoelectric interaction, drifting charge carriers 795–804
  CsH$_2$AsO$_4$, soft modes, dielectric response L203–7
  KH$_2$AsO$_4$, soft modes, dielectric response L203–7

Piezomagneto-optical effects *see Magneto-optical effects*

Piles, nuclear fission *see Nuclear reactors, fission*

Plasma in solids *see Crystal electron states/plasma; Electron gas; Semiconductors*

Plasmons *see Crystal electron states/plasma*

Plastic deformation
  KBr(Cl), effect on V centres 1130–44
  KCl, jogged motion of dislocations during deformation 1615–7
  Pt$^+$ in ruby, magnetic *g* tensor modifications due to Jahn–Teller effect 1221–30

Pleochroism
  alkali halides, Cd$^+$ ion properties, magnetic circular dichroism observation 1505–9
  semiconductor, n-Ge, stress induced dichroism 1601–5
  n-Ge, stress induced dichroism 1601–5

Point defects *see Crystal imperfections*

Point groups *see Crystal structure, atomic*

Polishing *see Surface structure*

Polyelectrolytes *see Electrochemistry; Polymers*

Polymers
  polyethylene, oxidized, surface conduction current, electric field dependence 2313–8
  polytetrafluorethylene, small resonance shifts resolution by pulsed double resonance L197–200

Positronium
  in KCl with F centres, formation in ion vacant site, relation to magnetic quenching of positron long-living state L33–56

Positrons
  in KCl with F centres, magnetic quenching of long-living states L33–56

Potassium compounds
  KCNS, ionic conductivity 584–90
  KCoF$_3$, magnon–phonon interaction 2139–59
  KCoF$_3$, magnon–phonon interaction 2127–38
  KF, anharmonic contribution to entropy 1703–9
  KF, x ray spectrum, Kβ line structure, two-electron jumps 1105–7
  KH$_2$AsO$_4$, soft modes, dielectric response L203–7
  KH$_2$PO$_4$, dynamical model, electrical susceptibility, specific heat, isotope effect, critical behaviour 2894–902

- KH$_2$PO$_4$, dynamical model interpretation 2097–108
- KH$_2$PO$_4$, elastic constant variation near ferroelectric phase transition L317–22
- KI, cyclotron resonance of polarons, carrier temperature dependence on chemical purity L89–91
- KI, mass of cold conduction electron polaron, cyclotron resonance observation L8–11
- KI:Pb, dielectric loss, optical absorption, conductivity, impurity–vacancy pairs 1958–62
- KMgF$_3$:Cr, ENDOR of ^{19}F and ^{53}Cr, hyperfine interactions of fluorine ions 671–81
- KMgF$_3$:Cr, hyperfine interactions of fluorine ions, overlap contribution 682–8
- KMgF$_3$:V^{2+}, epr on exchange-coupled pairs 1399–408
- K$_2$NiF$_4$ structures, Raman lineshapes, two magnon scattering, in spin–flop phase of antiferromagnets 498–511
- KZnF$_3$, optical absorption by Cu–Mn pairs 1866–73

potassium bromide
- polaron cyclotron resonance L8–11
- thermoluminescence, x irradiated crystals, trap depths, F centre excitation 1606–14
- V centres due to electron irradiation 1130–44
- x ray spectrum, Kβ line structure, two-electron jumps 1105–7
- KBr:Cu, thermoluminescence, x irradiated crystals, trap depths, F centre excitation 1606–14
- KBr:Pb, dielectric loss, optical absorption, conductivity, impurity–vacancy pairs 1958–62

potassium chloride
- electron traps in deformed crystals, thermoluminescence glow peak observation 1615–7
- polaron cyclotron resonance L8–11
- positron annihilation by F centres, magnetic quenching of long-living state L33–56
- V centres due to electron irradiation 1130–44
- x ray spectrum, Kβ line structure, two-electron jumps 1105–7
- KCl:KI–Sn, anions influence on spectral characteristics 1069–74
- KCl:Pb, dielectric loss, optical absorption, conductivity, impurity–vacancy pairs 1958–62

Praseodymium
- Pr^{3+} in GdCl$_3$ and LaBr$_3$, thermal and magnetic properties 1692–702

Praseodymium compounds
- PrCl$_3$, magnetostriction model, second order phase transition 2572–82

Proton magnetic resonance
- FeSiF$_6$.6H$_2$O, proton resonance observation, relation to crystal structure 117–25

Protons and antiprotons, effects
- alkali halides, irradiation, colour centre concentration 1963–76

Pseudopotential methods
- cancellation theorem, application to pseudopotential theory 427–34
- crystal, ionic, core electrons L101–4
- periodic lattice potential, matrix elements 2623–34
- Schrödinger equation, similarity transform L97–100
- semiconductor, mixed zincblende type, energy bands composition dependence L289–92
- zincblende alloy, charge distribution L335–9
- zincblende alloy, energy gap, comparison pseudopotential and dielectric methods L339–42

Quadrupole field interactions *see Crystals/hyperfine field interactions*

Quantum field theory *see Field theory, quantum*

Quantum fluids, boson systems
- interacting, broken symmetry approach to metastability 2166–79

Quantum fluids, fermion systems
- density functional theory and von Weizsacker method 1322–30
- liquid, heavy ion mobility 853–69
- liquid, impurity mobility, phase transition analogy L207–11

Quantum mechanics *see Quantum theory*

Quantum theory
- harmonic oscillators, coupled, behaviour in presence of random forces 545–63
- spherically symmetric wave equation potential, Dirac and *t* matrices L351–5

Quartz
- hypersonic wave attenuation, three-phonon interactions L308–10
- thermoluminescence sensitivity, radiation-induced increase 3265–76

Radiowave spectra *see Nuclear magnetic resonance and relaxation; Paramagnetic resonance and relaxation*

Raman spectra *see Scattering, light/Raman spectra*

Range of particles *see Energy loss of particles*

Rare earth compounds
- *see also Ferrites and the compounds of the individual metals*
- aluminates, nmr of ^{27}Al, internal electrical and magnetic fields 1426–36
- double nitrates, Van Vleck temperature independent paramagnetism 1013–21
- ethyl sulphates, interactions between Ce ions, epr observation 1618–30
- ethyl sulphates, interactions between ion pairs 1631–43
- vanadates, ion–lattice interactions 2297–303
- vanadates, Jahn–Teller phase transition L317–22

Rare earth metals
- *see also the individual metals*
- ion crystal fields, configuration interaction contribution 3234–48
- ions in CaF$_2$, trigonal symmetry complexes with hydride ions 3015–28
- lattice dynamics, electron gas model 1674–9

Rayleigh scattering
- ^{3}He–^{4}He mixtures, superfluid, five component spectrum L225–8

Reactors *see Nuclear reactors, fission*

Reflectance *see Reflectivity*

Reflection
- light, SnO$_2$, lattice vibrations observation 2421–31
- ir, detection of longitudinal optic modes 174–80

Reflectivity
- *see also Films, solid/optical properties; Optical constants*
- alkaline earth fluorides, reflectance spectra, vacuum uv L200–3
- semiconductor, GaSe, electroreflectance and band structure L273–8
- GaSe, electroreflectance and band structure L273–8
- (InGa)P alloys, epitaxial, thermoreflectance, band structure 1534–9
- MoS$_2$, vacuum uv spectra, interband transitions, plasma resonance L378–81
- NbSe$_2$, vacuum uv spectra, interband transitions, plasma resonance L378–81

Refractive index
- *see also Optical constants*
- semiconductor, dispersion, Algol program L223–5
- As$_2$S$_3$, vitreous, temperature coefficient 93–106

Remanence *see Magnetization state*

Resistance, electrical *see Conductivity, electrical*

Resistivity *see Conductivity, electrical*

Resonance, magnetic *see Magnetic resonance and relaxation*

Resonance, nuclear magnetic *see Nuclear magnetic resonance and relaxation*

Resonance, nuclear quadrupole *see Nuclear quadrupole resonance*

Resonance, paramagnetic *see Paramagnetic resonance and relaxation*

Rhodium compounds
- (Fe$_{1-x}$Rh$_x$)$_2$O$_3$ system, Mössbauer effect, hfs 2386–407

Rotating bodies
- crystal, effect on quadrupolar spin–lattice relaxation time 223–6

Rubidium compounds
- RbBr, lattice dynamics 958–65
- RbCl, thermal expansion, low temperature 113–6
- RbCl and RbI, mass of cold conduction electron polaron, cyclotron resonance observation L8–11

Ruby
- ruby:Cr^{3+}, exchange-coupled triad properties 2330–40
- ruby:Cr^{3+}, exchange-coupled triads relaxation 2341–53
- Pt$^+$ substituted, magnetic g tensor modifications due to Jahn–Teller effect 1221–30

Scattering, light
- HeI liquid and ^{4}He gas, hf depolarized scattering L362–6
- InSb, tuning range increase of intense magneto spin–flip scattering of 10·6 μm radiation L63–7
- **Brillouin spectra**
  - molecular crystals, long wavelength dependence L61–3
  - ^{3}He–^{4}He mixtures, superfluid, five component spectrum L225–8
  - He, superfluid, under pressure, theory L287–9
- **Raman spectra**
  - ferroelectric, NaNO$_2$, multiphonon selection rules 1036–48
  - spin flip scattering of harmonically generated 5·3 μm radiation 126–30
  - two magnon scattering, in spin–flop phase of antiferromagnets 498–511
  - CsH$_2$AsO$_4$, soft modes, dielectric response L203–7
  - KH$_2$AsO$_4$, soft modes, dielectric response L203–7

  K_2NiF_4, and perovskite structures, theory of two magnon scattering, in spin–flop phase of antiferromagnets 498–511
  $NaNO_2$, multiphonon selection rules 1036–48
  SnO_2, lattice vibrations observation 2421–31

Schottky barriers *see Semiconductor–metal boundaries*

Selenium
  liquid, conduction mechanism, model 2247–53

Self-diffusion *see Diffusion in liquids; Diffusion in solids*

Semiconducting devices
  junctions, electrostatic image potential 591–7
  GaP : N, p–n junc., efficient yellow electroluminescence L344–7

Semiconducting materials
  band edges, application of f sum rule L1–3
  diamond, acceptor centre interpretation 1789–800
  diamond-type, dielectric function 2650–7
  diamond-type, extended Hückel method application to point defect electronic properties 3077–82
  diamond-type, extended Hückel method application to point defect electronic properties 3065–76
  group II–VI compounds, acoustic attenuation at microwave frequencies 966–70
  group II–VI and III–V compounds, displaced atomic species 2625–6
  group II–VI compounds, rare earth photoluminescence, sensitization 2962–6
  β hydrogen phthalocyanine, tight binding energy band structure calculation 3122–8
  MoS_2, reflectivity, vacuum uv, interband transitions, plasma resonance L378–81
  $NbSe_2$, reflectivity, vacuum uv, interband transitions, plasma resonance L378–81
  transition metal compounds, metal–nonmetal transitions, rôle of spin fluctuations L233–5
  transition metal oxides, metal–insulator transition L191–4
  zincblende alloy, charge distribution, pseudopotential approach L335–9
  zincblende alloy, energy gap, comparison pseudopotential and dielectric methods L339–42
  zincblende-type, charge density 3177–85
  zincblende-type, dielectric function 2650–7
  CdS, acoustoelectric interaction, transient, electron beam or light excitation, piezoelectric modes 795–804
  CdS acoustoelectric oscillator, electrical response, mechanical loading effects 971–87
  CdS : Ag, Er^{3+} photoluminescence, sensitization 2962–6
  GaP, localized vibration modes of impurities 3249–57
  GaP : N, epitaxial, efficient yellow luminescence L344–7
  GaSe, electroflectance and band structure L273–8
  GaS, hopping conduction 3199–204
  HgS, photoconduction and luminescence quenching 1890–7
  (InGa)P alloys, epitaxial, thermoreflectance, band structure 1534–9
  n-InP epitaxial films, cyclotron resonance, 10–50 K L38–42
  n-InP epitaxial films, magnetophonon effect, 77–300 K, lf cyclotron effective mass L42–7
  NiS, metal–semiconductor transition 598–606
  Se, liquid, conduction mechanism, model 2247–53
  Se, trigonal, electrical conduction processes 1348–59
  SiO, Poole–Frenkel conduction in high alternating electrical fields 1341–7
  ZnSe : Er^{3+}, photoluminescence and electroluminescence spectra comparison 1049–59

gallium arsenide
  hole carriers, effective masses measurement by cyclotron resonance and Hall observation L22–6
  impurity centres, Fe group, ground states and photoionization 2979–91

germanium
  amorphous, energy gap, tight binding model L221–3
  dielectric function and charge density 1360–4
  film, amorphous, electron energy loss spectra 1591–600
  hypersonic attenuation due to optically excited carriers 2792–8
  hypersonic attenuation via exciton–phonon interaction 2799–804
  impurity states, ground states of shallow donors 1162–7
  n-type, intervalley scattering 1822–34

  - n-type, ir free carrier Faraday rotation, effect of uniaxial stress 201–22
  - n-type, stress induced dichroism 1601–5
  - negative differential mobility of electrons 1801–21
  - p-type, microwave transmission, magnetic field dependence 364–70
  - p-type, photon drag effect, sign reversal 2209–19
  - p-type, photon drag tensor L376–8
- **indium antimonide**
  - n-type, acoustoelectric excitation observation by helicon transmission 1519–33
  - n-type, conduction electrons diffusing via defects in Wigner lattice L372–6
  - n-type, conduction, magnetic field dependence 1570–5
  - n-type, magnetic freeze-out of carriers 2084–8
  - second harmonic generation, coherence lengths and susceptibilities near band edge 2637–49
- **silicon**
  - Auger electron spectrum, band structure influence L174–9
  - electron mobility, effect of strain due to impurities 190–3
  - Hall mobility, high-field, calculation for n-Si including magnetic field effect on carrier distribution function 44–6
  - impurity states, ground states of shallow donors 1162–7
  - metal–Si contacts, density of states and barrier height 2849–58
  - n-type, ir free carrier Faraday rotation, effect of uniaxial stress 201–22

Semiconductor–metal boundaries
- Si–metal contacts, density of states and barrier height 2849–58

Semiconductors
- *see also Crystal electron states*
- acoustoelectric gain, nonlinear, for many waves with random phases 910–5
- acoustic travelling waves, time-periodic, propagation in piezoelectric semiconductors, theory 36–43
- amorphous, electron states 3129–42
- amorphous, hopping conduction, energy losses, high electrical fields 1331–40
- amorphous, long and short range order and energy gaps 3143–54
- amorphous, potential distribution L246–9
- anisotropic, transport properties, comparison between single crystal, polycrystal and powders 1193–206
- band structure, general potentials application 3155–66
- band structure, modified muffin tin potentials L85–7
- Boltzmann–Vlasov equations for hot plasma with collisions 194–200
- cubic, with nonquadratic energy surfaces, Faraday effect 2202–8
- effective mass and Penn dielectric function L278–80
- electron–phonon interaction, localized potential, symmetry properties 1540–9
- impurity centres, Fe group, ground states and photoionization 2979–91
- impurity levels, periodic lattice Green functions application 2623–34
- ion implanted layers, electrical measurements computing methods L150–3
- isoelectronic impurities, binding mechanisms 1936–44
- isotropic, Wannier excitons behaviour, crystal thickness dependence 723–33
- Landau–Coulomb levels in degenerate band 2822–32
- Meyer–Neldel rule, thermally assisted tunnelling and pseudointrinsic conduction 3167–76
- mixed, zincblende type, energy bands composition dependence L289–92
- optical absorption, relaxation and finite hole mass effects 1387–98
- optical coefficients, dispersion, Algol program L223–5
- piezoelectric, nonlinear acoustoelectric phenomena 2319–21
- piezoelectric, nonlinear acoustic waves 783–94
- polar, resonant polaron damping of de Haas–van Alphen oscillations 181–6
- Poole–Frenkel conduction in high alternating electrical fields 1341–7
- zero gap, long wavelength acoustic phonons, effective dynamical matrix 2771–84

Silicon
- *see also Semiconducting devices; Semiconductor materials/silicon*
- epr, hyperfine interaction, temperature dependence 654–70
- lattice distortion near vacancies, dynamic relaxation method 143–53
- lattice distortion near vacancies, dynamic relaxation method 154–63

Silicon compounds
- SiO_2, vitreous, normal modes of vibration 1214–20

Silver
- film, nucleation and critical condensation on SiO 577–83

Silver compounds
  AgCl and AgBr, mass of cold conduction electron polaron, cyclotron resonance observation L8–11
  AgCl:Eu, esr, photosensitization study 1231–41
Sodium compounds
  NaI, self-diffusion, nmr relaxation observation 2742–8
  NaI, selfdiffusion, vacancy mechanism 2737–41
  $NaNO_2$, force constants of NO_2^-, temperature dependent 2557–64
  $NaNO_2$, infrared absorption and Raman scattering, multiphonon selection rules 1036–48
  $NaNO_2$, two phonon absorption, order–disorder transition 2191–201
  $NaNO_3$, nuclear quadrupole spin–lattice relaxation, orientation dependence 2945–61
  NaTl, crystal structure, perturbation theory and ionic bonding 1003–12
  $Na_2Zn(SO_4)_2 \cdot 4H_2O:Cu^{2+}$, electric field symmetry, *g* factors, hyperfine constants, esr obs. L347–50
 sodium chloride
  anharmonic contributions to thermodynamic properties 988–97
  F centre electronic energy levels, pseudopotential formalism 1550–9
  F colouring, radiation intensity dependence 1660–4
  internal friction, neutron irradiation effects 1725–33
  internal friction, strain amplitude dependence, neutron irradiation effects 331–8
  positroniumlike states formation L311–3
  thermodynamic properties, anharmonic contributions 988–97
  vacancy diffusion coefficients 1778–88
  $NaCl:Mn^{2+}$, anelastic loss peaks, vacancy jump kinetics 1945–57
Solids
  see also Crystals; Films, solid; Semiconductors; Vitreous state
  van der Waals interactions in rare gas solid, high order multipole three body terms, and stability 307–12
 theory
  magnetic media, van der Waals forces, Lifshitz theory 1988–9
  microcanonical ensemble, linear response theory 2241–6
Space charge, solid
  semiconductor, Se, space charge limited currents 1348–59
  zincblende alloy, charge distribution, pseudopotential approach L335–9
  Se, trigonal, space charge limited currents 1348–59
Space groups
  antiferromagnet, $DyAsO_4$, magnetic structure 3224–33
  magnetic, irreducible representations, related to phase transitions 2488–500
  $DyAsO_4$, magnetic structure 3224–33
  $MgCr_2O_4$, structural distortion due to siting of Cr^{3+} ion L342–4
Specific heat
  see also Debye temperature, Gruneisen relation; Thermodynamic properties
  1,3,5 cycloheptatriene, nmr study around transition point 1903–8
  Fermi–Dirac distribution function, linear approximation 1719–24
  ferroelectric, KH_2PO_4, dynamical model application 2894–902
  ferromagnet, Gd, spin wave contribution 3215–20
  perfect non-Bravais crystal with internal strains 2805–21
  FeI_2, magnetic heat capacity, low temperature 876–83
  $FeBr_2$, magnetic heat capacity, low temperature 876–83
  $GdCl_3:Er^{3+}$, Schottky specific heat in crystal field with C_{3h} site symmetry 1692–702
  Gd, spin wave contribution 3215–20
  KH_2PO_4, dynamical model application 2894–902
  $LaBr_3:Er^{3+}(Pr^{3+})$, Schottky specific heat in crystal field with C_{3h} site symmetry 1692–702
  $MgO:Fe^{2+}$, spin–phonon interaction contribution 2583–92
  TlBr, low temperature, related to Gruneison parameters and Debye distributions 417–26
Spectra
  see also Absorption/light; Scattering, light/Raman spectra; Stark effect; Zeeman effect
  colour centres analysis 944–57
 atoms
  ^{4}He gas, hf depolarized scattering L362–6
 inorganic liquids and solutions
  HeI, hf depolarized scattering L362–6
 inorganic solids
  alkali halides, Pb doped, impurity–vacancy pair observation 1958–62
  alkaline earth fluorides, vacuum uv reflectivity L200–3

diamond, two phonon ir absorption, electric field-induced changes 235–9
ferroelectric, $NaNO_2$, two phonon absorption 2191–201
fluorites, γ irradiation produced absorption bands 134–6
ionic crystal, CsCl(I), impurity induced ir absorption 2269–77
semiconductor, GaSe, electroreflectance and band structure L273–8
V complex, $V(urea)_6(ClO_4)_3$, ligand field studies 3301–6
  As_2S_3, vitreous, absorption and reflection spectra observations 93–106
  $CaF_2:Eu^{2+}–H^-$, infrared absorption, 77–4·2 K 517–36
  CaF_2, ir lattice vibrational L47–9
  CaF_2, γ irradiation produced absorption bands 134–6
  CaF_2, localized vibrations of $Sr^{2+}–H^-$ and $Ba^{2+}–H^-$ pairs 1977–82
  $CaF_2:Yb^{2+}–H^-$, infrared absorption, 77–4·2 K 517–36
  CaO, Stark effect of F^+ centre, zero phonon line red shift L108–11
  CaO, vibronic properties of F^+ absorption band 2537–49
  CsCl(I), impurity induced ir absorption 2269–77
  GaP:N, ir absorption, related to localized vibrations L36–8
  GaP, localized vibration modes of impurities 3249–57
  GaSe, electroreflectance and band structure L273–8
  MoS_2, reflectivity, vacuum uv, interband transitions, plasma resonance L378–81
  $NbSe_2$, reflectivity, vacuum uv, interband transitions, plasma resonance L378–81
  n-Ge free carrier absorption, stress effects 1601–5
  (InGa)P alloys, epitaxial, thermoreflectance, band structure 1534–9
  KBr(Cl)(I), impurity–vacancy pair observation 1958–62
  KCl:KI–Sn, anions influence on spectral characteristics 1069–74
  $KZnF_3$, absorption by Cu–Mn pairs 1866–73
  MgF_2, F centre observation 3007–14
  MoS_2, optical absorption of alkali metal intercalation products, band model L18–20
  $NaNO_2$, two phonon absorption 2191–201
  $NbSe_2$, optical absorption of alkali metal intercalation products, band model L18–20
  SnO_2, lattice vibrations observation 2421–31
  YAl garnet:Cr^{3+}, vibronic spectrum temperature dependence 3258–64
  ZnSe:M, M=Ti, V, Cr, Co, Ni related to crystal field parameters at liquid He temperature 512–6
  $ZrSiO_4$, zircon, vibrational spectrum, polarized ir and Raman studies 240–56
organic molecules and substances
  lanthanum ethyl sulphate, praseodymium doped, selection rules and symmetry 1885–9
  2-naphthoic acid, crystal, polarized absorption, 90 K 827–31

Spectral line breadth
  see also Doppler effect; Stark effect; Zeeman effect
  epr lineshapes calculation method 1420–5
  nmr line narrowing, symmetrized pulse sequences 1444–52
  nmr rapidly rotating solids, reorienting molecular group effects 391–400
  phonon interaction broadened lines, Weisskopf–Wigner relation validity 1022–35
  Raman lineshapes, two magnon scattering, in spin–flop phase of antiferromagnets 498–511

Spin echo *see Nuclear magnetic resonance and relaxation*

Spin–lattice relaxation
  covalent complex, orbit–lattice coupling 1207–13
  cross relaxation mechanism, spin temperature treatment, low fields 765–72
  elastomers and glycerol, nuclear, relation to stochastic isotropic translation of protons L21–2
  ethylene, solid, reorientation process L161–3
  nuclear quadrupole, orientation dependence in crystals 227–34
  orbit–lattice interaction computations 930–40
  paramagnetic concentrated spin system, spin–phonon coupling mechanism 371–90
  proton relaxation due to tunnelling motions 2180–90
  quadrupolar coupling, effect of crystal rotation 223–6
  ruby:Cr^{3+}, exchange-coupled triads relaxation 2341–53

  Al_2O_3:Fe, corundum, electron spin relaxation, angular dependence 3297–300
  $Cs_2Cu(SO_4)_2 \cdot 6H_2O$, magnetically concentrated spin system, spin–phonon coupling mechanism observation 371–90
  $NaNO_3$, nuclear quadrupole relaxation of ^{23}Na, orientation dependence 2945–61

Spin waves
  see also Ferromagnetism/spin wave theory
  antiferromagnet, itinerant electron model, wave velocity calculation 2695–704
  antiferromagnet, disordered, critical concentration L194–7
  antiferromagnet, $KCoF_3$, magnon–phonon interaction 2139–59
  antiferromagnet, $KCoF_3$, magnon–phonon interaction 2127–38
  antiferromagnet, nearly isotropic, zero point effects L79–81
  excitation spectrum of arbitrary spin–density wave ground state 1560–9
  Heisenberg antiferromagnet, anisotropic, surface waves 2354–8
  Heisenberg antiferromagnet, dilute Green function calculation 2929–36
  interacting phonon system, thermodynamic properties calculations using drone–fermion representation 313–23
  paramagnetic spin–phonon coupling in magnetically concentrated spin system 371–90
  spin–phonon system, coupled, free energy L266–8
  Gd, specific heat dependence 3215–20
  $KCoF_3$, magnon–phonon interaction 2139–59
  $KCoF_3$, magnon–phonon interaction 2127–38

Sputtering
  electrostatic deflection of sputtered ions by incident beam L263–5

Stark effect
  alkaline earth fluorides, F band observation 1665–73
  CaO, F^+ centre, zero phonon line red shift L108–11

Statistical mechanics
  see also Heisenberg models; Lattices, theory and statistics
  metastability, broken symmetry approach 2166–79
  microcanonical ensemble, linear response theory 2241–6
  percolation processes, scaling laws L228–32

Stopping power *see Energy loss of particles*

Stress effects
  n-Ge, uniaxial effect on ir free carrier Faraday rotation 201–22
  Si, due to impurities, effect on electron mobility 190–3
  n-Si, uniaxial effect on ir free carrier Faraday rotation 201–22

Stresses, internal
  perfect non-Bravais crystal, thermodynamics of internal strains 2805–21

Strontium
  Sr^{2+}–H^- pairs in CaF_2, localized vibrations 1977–82

Strontium compounds
  SrF_2, anharmonicity, phonon frequencies 3083–94
  SrF_2, energies of vacancies, interstitials and inert gas atoms 1284–8
  SrF_2:Tm^{2+}, ENDOR, hyperfine structure 840–51
  SrO, trapped hole centre observation L261–3

Structure factors *see Crystal structure, atomic; x ray Crystallography*

Structure of matter *see Liquid structure*

Superconductivity
  conduction electron spins and magnetic correlation L31–3
  magnetization curves, absolute calibration method 1837–9
  type II, flux lines and pinning centres, interaction distance 3186–98
  type II, Meissner state, ac loss theory 2833–48

Superfluidity
  see also Helium, liquid; Quantum fluids
  He, Brillouin scattering theory L287–9
  He II, roton-limited mobility of ions 2457–65
  ^3He–^4He mixtures, Rayleigh and Brillouin scattering L225–8

Superexchange *see Antiferromagnetism; Exchange interactions*

Superlattice structure *see Alloys; Crystal structure, atomic*

Surface diffusion *see Diffusion in liquids; Diffusion in solids; Surface phenomena*

Surface energy *see Crystal electron states/surface*
  liquid, local atomic anisotropy 2433–46

Surface phenomena
  see also Adsorption; Interface phenomena
  atom–surface scattering, Debye–Walle factor L359–62
  critical fluid, van der Waals forces L235–8

  - liquid, molecular dynamics, statistical mechanical calculation 2447–56
  - solid–atom scattering, one dimensional model 1269–78
  - SiO, Ag surface diffusion energies 577–83
- **Surface structure**
  - LEED, ion core scattering model 2501–13
  - LEED spectra, fast perturbation schemes 3095–106
  - LEED spectra in ion core scattering model 2514–23
  - Cu, LEED spectra in ion core scattering model 2514–23
- **Surface tension**
  - liquid, local atomic anisotropy 2433–46
  - liquid, statistical mechanical calculations 1921–8
- **Surface texture** *see Surface structure*
- **Switching time, ferroelectric** *see Ferroelectric materials*
- **Switching time, ferromagnetic** *see Ferromagnetism; Magnetic properties of substances/ferromagnetic*

- **Terbium**
  - magnetic domain structure, observation using dry colloid technique, model 47–52
  - spin dynamics at end above Néel temperature, critical neutron scattering observation 71–9
- **Terbium compounds**
  - TbVO$_4$, phase transitions related to cooperative Jahn–Teller effect L179–83
- **Thallium compounds**
  - TlBr, heat capacity measurement at low temperature, Grüneisen parameters and Debye distributions 417–26
  - TlBr(Cl), Schottky defect energies 1108–16
- **Thermal conductivity** *see Conductivity, thermal*
- **Thermal diffusivity** *see Conductivity, thermal; Heat conduction*
- **Thermal expansion**
  - *see also Grüneisen relations*
  - perfect non-Bravais crystal with internal strains 2805–21
  - CuCl$_2$.2H$_2$O, low temperature magnetic contributions 2923–8
  - FeF$_2$, lattice expansion effects on ^{57}Fe quadrupole splitting 2705–12
  - RbCl, low temperature 113–6
- **Thermodynamic properties**
  - cubic crystal, free energy at finite temperature 2759–70
  - Heisenberg antiferromagnet, calculation methods L69–73
  - perfect non-Bravais crystal, internal strain influence 2805–21
  - spin–phonon system, coupled, free energy L266–8
  - spin–phonon system, coupled, free energy expansion 2583–92
  - spin system interacting with phonons, calculations using drone–fermion representation 313–23
  - ^{3}He, solid, ground state energy, pressure and compressibility L168–71
  - NaCl, anharmonic contributions 988–97
- **Thermodynamics**
  - *see also Equations of state; statistical mechanics*
  - Fermi–Dirac distribution function, linear approximation 1719–24
  - Ising magnet, compressible, spin–phonon interactions 1178–92
  - lattice–lattice scaling and generalized law of corresponding states 1994–2008
  - percolation processes, scaling laws L228–32
- **Thermoelectricity**
  - semiconductor, anisotropic, comparison between single crystal, polycrystal and powders 1193–206
- **Thermoluminescence**
  - quartz, fired, radiation-induced sensitivity increase 3265–76
  - KBr and KBr:Cu, glow peaks, trap depths, F centre excitation 1606–14
  - KCl, deformed, glow peak observation of electron traps 1615–7
  - LiF dosimetry phosphor, radiation-induced sensitivity increase 3277–91
  - LiF, trapping centre observation 1060–8
- **Thin films** *see Films, solid*
- **Thulium**
  - ^{169}Tm^{2+} ENDOR in CaF$_2$ 1258–68
  - Tm^{2+}, hyperfine structure in BaF$_2$ and SrF$_2$, ENDOR measurements 840–51
- **Tin**
  - magnetoresistance, linear networks of coupled orbits, large amplitude quantum oscillations 474–91
- **Tin compounds**
  - SnO$_2$, lattice dynamics, ir and Raman spectra observation 2421–31
- **Titanium**
  - impurity, in ZnSe, absorption spectra, liquid helium temperature 512–6
- **Transition metal compounds**
  - metal–nonmetal transitions, rôle of spin fluctuations L233–5
  - oxides, metal–insulator transition L191–4

Transition metals
- $3d^{\nu}$ ions at tetrahedral sites, field models modification, Jahn–Teller interaction 2713–24
- impurity centres in semiconductors, ground states and photoionization 2979–91

Transparency
- *see also Optical constants*
- polar liquid, Poley absorption influence on inertial fall-off 2322–9

Traps *see Crystal electron states/impurity states and effects; Crystal imperfections; Semiconductors*

Tungsten
- W/Ge coated, field emission, adsorbed layer thickness dependence 2859–74

Tunnelling
- dielectric layers, atomic core effects, three dimensional treatment 338–53
- mim junction, direct calculation of tunnelling current 916–29
- mim junction, free electron description 2598–610
- mim junction, localized impurity states influence 2611–22
- potential barrier with potential holes, tunnelling probabilities evaluation method 2875–93
- proton spin–lattice relaxation due to tunnelling motions 2180–90
- semiconductor, Meyer–Neldel rule, thermally assisted tunnelling and pseudointrinsic conduction 3167–76

Type II superconductors *see Superconductivity*

Vacancies *see Crystal imperfections/vacancies*

Valence bands *see Crystal electron states/band structure*

Vanadium
- impurity, in ZnSe, absorption spectra, liquid helium temperature 512–6
- V^{2+} in $KMgF_3$, epr on exchange-coupled pairs 1399–408
- V^{2+} in MgO, exchange interactions between ion pairs 1409–19
- V^{2+} epr in MgO 1242–50
- V^{3+} in Al_2O_3, trigonal field splitting, energy levels and *g* values 1576–90

Vanadium compounds
- V complex, $(V(urea)_6)(ClO_4)_3$, optical and magnetic properties 3301–6
- V_3Ga, electronic band structure L188–91
- VO^{2+} epr in zoisite 1251–7
- V_3Si, electronic band structure L188–91

Velocity, ultrasonic waves
- semiconductor, piezoelectric, propagation of time-periodic travelling waves, theory 36–43
- Kr, polycrystalline, 52–115 K, us pulse-echo measurement L6–8

Virial coefficients *see Equations of state*

Viscosity
- ^3He, 0·05–3·0 K 129–42
- ^3He saturated solution in ^4He, 0·05–0·13 K 129–42

Vitreous state
- *see also Glass*
- semiconductor, potential distribution L246–9
- As_2S_3, optical properties 93–106
- BeF_2, normal modes of vibration 1214–20
- GeO_2, normal modes of vibration 1214–20
- SiO_2, normal modes of vibration 1214–20

Wave mechanics *see Quantum theory*

Wolfram *see Tungsten*

X ray analysis *see Crystal structure, atomic; x ray crystallography*

X ray characteristic temperature *see Specific heat*

X ray crystallography
- *see also Debye–Waller factors*
- anharmonic effects, lowest order term in thermal diffuse scattering 289–97

X ray effects
- alkali halides, Cd^+ doped, irradiated, magneto–optical properties 1505–9

X ray examination of materials
- alkali halides, Debye temperature L219–21
- amorphous binary system, partial structure factors separation 3029–33
- diamond, neutron irradiation, lattice expansion, annealing effects 257–63
- hexamethylenetetramine, molecular dynamics, thermal diffuse scattering of x rays observation 23–35
- partial structure factors separation 3029–33
- LiH structure factors and Compton profile, orbital wave function calculation L163–5
- $NiFe_{2-x}Mn_xO_4$, crystal structure 2266–8

X ray scattering
- anharmonic effects, lowest order term in thermal diffuse scattering 289–97
- hexamethylenetetramine, molecular dynamics, thermal diffuse scattering observation 23–35

X ray spectra
  LiCl, Compton profile, band structure L366–9
  plasmon excitation in Compton scattering process 2593–7
  continuous spectrum, line structure analysis using crystallographic approach in kinematic approximation 2258–65
  KBr(Cl)(F), (Kβ line structure, two-electron jumps 1105–7
Xenon
  Lorentz–Lorenz function near critical region 2254–7
Xenon compounds
  N_2–Xe solidified binary mixtures, crystal structure 689–96

Young's modulus *see Elastic constants*
Ytterbium
  Yb^{2+}–H^-, centres in CaF_2, infrared absorption 517–36
  $^{171}Yb^{3+}$ ENDOR in CaF_2 1258–68
  Yb^{3+} in ZnSe, defect configuration 2550–6
Yttrium
  YAl garnet:Cr^{3+}, vibronic spectrum temperature dependence, fluorescence lifetime 3258–64

Zeeman effect
  antiferromagnet, $DyPO_4$, high field spectra, exchange interactions 2937–44
  3,4-dichloronitrobenzene, nqr spectra 3322–7
  $DyPO_4$, high field spectra, exchange interactions 2937–44
  $HgCl_2$, electric field gradient of ^{35}Cl resonance 1898–902

Zinc compounds
  $ZnIn_2S_4$:Er^{3+}, excitation mechanisms for Er^{3+} emissions 83–92
  ZnSe, defect configuration for Yb^{3+} and Er^{3+} codoped with Li Ag and Cu 2550–6
  ZnSe:Er^{3+}, photoluminescence and electroluminescence spectra comparison 1049–59
  ZnSe:M, M = Ti,V,Cr, Co, Ni, absorption spectra, related to crystal field parameters at liquid helium temperature 512–6

Zirconium compounds
  $ZrSiO_4$, zircon, vibrational spectrum, polarized ir and Raman studies 240–56

Author index with titles

Aberg, T., with Utriainen, J., *Two-electron jumps in the potassium* $K\beta$ *x ray spectrum* 1105

Acrivos, J.V., with Liang, W.Y., Wilson, J.A. and Yoffe, A.D., *Optical studies of metal–semiconductor transmutations produced by intercalation* L18

Agullo-Lopez, F., with Sanchez, C., *Radiation intensity dependence of the first stage F colouring in NaCl* 1660

Al-Bassam, T.S., with Corner, W.D., *Magnetic domain structure of terbium single crystals* 47

Alberts, L., with du Plessis, P. de V., and van Tonder, S.J., *Elastic constants of a NiO single crystal: I* 1983

Alberts, L., with du Plessis, P. de V., and van Tonder, S.J., *Magnetostriction of a NiO single crystal: II* 2565

Allegrini Arimondo, M., with Harper, P.G., *Resonant polaron damping of de Haas–Van Alpen oscillations in polar semiconductors* 181

Allen, J.W., *Isoelectric impurities in semiconductors: a survey of binding mechanisms* 1936

Allen, J.W., with Wray, E.M., *Crystal field spectra of* $3d^n$ *impurities in zinc selenide* 512

Allnatt, A.R., with Pantelis, P., and Sime, S.J., *The electrical conductivity of crystalline sodium chloride* 1778

Allwood, R.L., with Dennis, R.B., Smith, S.D., Wherrett, B.S., and Wood, R.A., *Increased tuning range of intense magneto spin–flip scattering of* $10{\cdot}6\ \mu m$ *radiation in InSb* L63

Allwood, R.L., with Dennis, R.B., Mellish, R.G., Smith, S.D., Wherrett, B.S., and Wood, R.A., *Spin flip Raman scattering of harmonically generated* $5{\cdot}3\ \mu m$ *radiation* L126

Als–Nielsen, J., with Dietrich, O.W., *Spin dynamics in Tb studied by critical neutron scattering* 71

Altarelli, M., with Bassani, B.F., *Integral equation approach to the exciton problem for intermediate binding* L328

Anderson, P.W., with Yuval, G., *Some numerical results on the Kondo problem and the inverse square one dimensional Ising model* 607

Anderson, R.J., with Baker, J.M., and Birgeneau, R.J., *Interaction between certain ions in rare ethyl sulphates* 1618

Andrew, E.R., with Jasinski, A., *Nuclear magnetic resonance spectra of rapidly rotated solids containing reorienting molecular groups* 391

Angress, J.F., with Maiden, A.J., *Electric field-induced changes in the two-phonon infrared absorption spectrum of diamond* 235

Armour, E.A.G., *A note on two methods of calculating the thermodynamic properties of the Heisenberg antiferromagnet* L69

Askenazy, S., with Stradling, R.A., Eaves, L., Leotin, J., Portal, J.C., and Ulmet, J.P., *The magnetophonon effect in epitaxial film of n-type InP* L42

Atkins, A.J., with Misell, D.L., *An attempt to observe the double plasmon loss by electron spectroscopy* L81

Augustus, P.D., with Maguire, H.G., *The influence of the band structure on the Auger electron spectrum of silicon* L174

Ausloos, M., with Kawasaki, K., *Comment on Marcelja's 'Resistivity of antiferromagnets above the Néel temperature'* L132

Baker, J.M., *Computations involving two orders of the orbit–lattice interaction* 930

Baker, J.M., *ENDOR and relaxation in systems with* $I=S=\frac{1}{2}$: $^{169}Tm^{2+}$ *and* $^{171}Yb^{3}$ *in* CaF_2 1258

Baker, J.M., *Interactions between rare earth ions in the ethyl sulphates* 1631

Baker, J.M., with Anderson, R.J., and Birgeneau, R.J., *Interaction between certain ions in rare earth ethyl sulphates* 1618

Ball, M.A., *Are the localized states in a disordered solid singly occupied?* L107

Ball, M.A., *The electronic structure of disordered systems: I. The density of states of the Anderson tight binding model* 1747

Balzarotti, A., with Piacentini, M., Burattini, E., and Picozzi, P., *Electroreflectance and band structure of gallium selenide* L273

Barker, J.A., with Klein, M.L., Bobetic, M.V., Zuker, I.J., Doran, M.B., and Chell, G.G., *Three-body interactions and lattice sums in crystals* L355

Barron, T.H.K., with Gibbons, T.G., and Munn, R.W., *Thermodynamics of internal strain in perfect crystals* 2805

Di Bartolo, B., with Wall, W.A., and Karpick, J.T., *Temperature dependence of the vibronic spectrum and fluorescence lifetime of YAG:*Cr^{3+} 3258

Bartos, I., with Velicky, B., *Surface Green function by matching* L104

Bartram, R.H., with Harmer, A.L., and Hayes, W., *Theory of F centres in alkaline earth fluorides* 1665

Bartusek, M., with Litzman, O., *About the inversion of some matrices arising in the dynamics of crystal lattices with defects* 1656

Bassani, B.F., with Altarelli, M., *Integral equation approach to the exciton problem for intermediate binding* L328

Basu, P.K., with Nag, B.R., *High field Hall mobility of n-type silicon including the effect of magnetic field on the carrier distribution function* 44

Batchelder, D.N., with Haywood, B.C.G., and Saunderson, D.H., *Temperature dependence of phonon frequencies in argon by inelastic neutron scattering* 870

Bates, C.A., with Chandler, P.E., *The Jahn–Teller interaction and* $3d^9$ *ions at tetrahedral sites* 2713

Bates, C.A., with Chandler, P.E., and Stevens, K.W.H., *Isomorphisms and the spin–phonon interaction for (3d) ions* 2017

Bates, C.A., with Jasper, R.F., *The properties of exchange-coupled triads of* Cr^{3+} *ions in ruby* 2330

Bates, C.A., with Jasper, R.F., *The relaxation of exchange coupled triads in ruby* 2341

Beeby, J.L., *The scattering of helium atoms from surfaces* L359

Beeby, J.L., with Dobrzynski, L., *The scattering of atoms from surfaces: a model* 1269

Beeby, J.L., with Hayes, T.M., *The ac conductivity of disordered systems* 1757

Bell, R.J., with Dean, P., and Hibbins-Butler, D.C., *Normal mode assignments in vitreous silica, germania and beryllium fluoride* 1214

Berry, M.V., *Diffraction in crystals at high energies* 697

Bertolaccini, M., with Bisi, A., Gambarini, G., and Zappa, L., *Positron states in ionic media* 734

Betts, D.D., with Guttmann, A.J., and Joyce, G.S., *Lattice–lattice scaling and the generalized law of corresponding states* 1994

Bhaduri, R.K., with Nogami, Y., and Ross, C.K., *Effect of three body force on the correlation energy of liquid* ^4He 2734

Bhagavan, M.R., *The ferromagnetic phase transition beyond the random phase approximation* 2278

Birgeneau, R.J., with Anderson, R.J., and Baker, J.M., *Interaction between certain ions in rare earth ethyl sulphates* 1618

Bishop, A.R., *A note on linear response theory in a microcanonical ensemble* 2241

Bishton, S.S., with Newman, D.J., Curtis, M.M., and Taylor, C.D., *Configuration interaction and lanthanide crystal field* 3234

Bisi, A., with Bertolaccini, M., Gambarini, G., and Zappa, L., *Positron states in ionic media* 734

Bisi, A., with Dupasquier, A., and Zappa, L., *Magnetic quenching of the long-living state of the positron in KCl containing F centres* L33

Bisi, A., with Dupasquier, A., and Zappa, L., *Evidence for positronium-like states in alkali halides* L311

Black, M.A., with Hall, H.E., and Thompson, K., *The viscosity of liquid helium 3* 129

Blackman, J.A., with Esterling, D.M., *Comment on 'narrow band solution to the Hubbard model'* L238

Blake, W.B.J., with Gitelson, H.A., and Wertz, J.E., *The* V_{OH} *centre in strontium oxide* L261

Bobetic, M.V., with Barker, J.A., Klein, M.L., Zucker, I.J., Doran, M.B., and Chell, G.G., *Three-body interactions and lattice sums in crystals* L355

De Bock, A., with Liekens, S., and Michiels, L., *Attenuation of longitudinal hypersonic waves in Z-cut quartz* L308

De Bock, A., with Liekens, W., and Michiels, L., *On the attenuation of 9.4 Ghz longitudinal hypersonic waves in some trigonal crystals* 1124

Bolton, H.C., with Houston, G.D., *Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP* 2097

Bolton, H.C., with Houston, G.D., *Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP: II* 2894

Bolton, H.C., with Lee, B.S., *Spin–phonon interactions in compressible Ising magnet—II* 1178

Bonning, K., with Wher, G., Kalus, J., Vogel, G., and Wenzl, H., *Stored energy release* *of solid argon after reactor irradiation at 4·6* 324

Bowen, D.H., with Henderson, B., *Damage in magnesium oxide: I, Dose dependence of reactor damage* 1487

Bowen, D.H., with Henderson, B., Briggs, A., and King, R.D., *Radiation damage in magnesium oxide: II. Effect of pre-irradiation annealing in hydrogen* 1496

Bowen, G.J., with Bunbury, D.St.P., and McCausland, M.A.H., *Crystal field and magnetic anistropy in the molecular field approximation: I. General considerations* 1840

Bowley, R.M., *Mobility of an impurity in a fermi liquid: analogy with a phase transition* L207

Bowley, R.M., *Mobility of a heavy impurity in ^{3}He and in ^{3}He–^{4}He mixtures: I* 853

Bowley, R.M., *Mobility of an impurity in liquid helium II* 1645

Brade, R.M., with Yates, B., *The low temperature heat capacity of thallous bromide* 417

Brade, R.M., with Yates, B., *The low temperature heat capacities of ferrous bromide and ferrous iodide* 876

Bradley, C.C., with Stradling, R.A., Simmonds, P.E., and Chamberlain, J.M., *Cyclotron resonance with epitaxial films of n-type InP* L38

Brebner, J.L., with Jones, G., *Asymmetric line shape of excitons localized in thin crystals* L137

Brebner, J.L., with Jones, G., *The behaviour of Wannier excitions in very thin crystals* 723

Brettell, J.M., *Faraday effect in cubic semiconductors with nonquadratic energy surfaces* 2202

Briggs, A., with Henderson, B., Bowen, D.H., and King, R.D., *Radiation damage in magnesium oxide: II. Effect of pre-irradiation annealing in hydrogen* 1496

Brookeman, J.R., with Rushworth, F.A., *A nuclear magnetic resonance investigation of solid 1,3,5 cycloheptatriene* 1903

Brouers, F., *The density of states of the Anderson model of cellular disorder in the coherent potential approximation* 773

Brown, M.R., with Cox, A.F.J., Shand, W.A., and Williams, J.M., *A comparison of the photoluminescent and electroluminescent spectra of Er^{3+} in ZnSe* 1049

Brown, M.R., with Cox, A.F.J., Shand, W.A., and Williams, J.M., *Defect configuration for rare earth ions in zinc selenide* 2550

Brown, M.R., with Shand, W.A., *The exciton mechanisms of rare earth emisions in the thioindates* 83

Brown, R.D., with Lo, B.W.N., *Potential of charge distributions in point charge lattices I: The method* 263

Brown, R.D., with Lo, B.W.N., *Potential charge distributions in point charge lattices: II. Applications* 277

Brust, D., *The effective mass and q dependent dielectric function of simple semiconductors* L278

Bryant, F.J., with Totterdell, D.H.J., and Hagston, W.E., *Identification of edge and exciton emission centres in CdTe* 641

Bryce, P., with Richards, J., and Kelly, J.C., *The electrostatic deflection of sputtered ions by the incident sputtering beam* L263

Buch, T., with Passeggi, M.C.G., *Covalency and orbit–lattice coupling* 1207

Buckmaster, H.A., with Chatterjee, R., and Shing, Y.H., *Comments on spin Hamiltonian hyperfine operators* L130

Buckmaster, H.A., with Chatterjee, R., and Shing, Y.H., *290 K spin Hamiltonian parameters for Gd^{3+} in lanthanum ethylsulphate at 5, 10 and 35 GHz* 832

Bunbury, D.St.P., with Bowden, G.J., and McCausland, M.A.H., *Crystal field and magnetic anistropy in the molecular field approximation: I. General considerations* 1840

Burattini, E., with Balzarotti, A., Piacentini, M., and Picozzi, P., *Electroreflectance and band structure of gallium selenide* L273

Burfoot, J.C., with Slack, J.R., *Electrical properties of flash evaporated ferroelectric $BaTiO_3$ thin films* 898

Butcher, P.N., *A natural form for large amplitude time-periodic acoustic travelling waves in piezoelectric semiconductors* 36

Butcher, P.N., with Jorgensen, M.H., and Vinter, B., *On the mathematical formalism used in some recent papers on nonlinear acoustoelectric phenomena* 2319

Butcher, P.N., with Slechta, J., *Nonlinear acoustoelectric for many waves with random phases* 910

Buyers, W.J.L., with Holden, T.M., Svensson, E.C., Cowley, R.A., Hutchings, M.T., Hukin, D., and Stevenson, R.W.H., *Excitations in $KCoF_3$: I. Experimental* 2127

Buyers, W.J.L., with Holden, T.M., Svensson, E.C., Cowley, R.A., and Hutchings, M.T., *Excitations in $KCoF_3$: II. Theoretical* 2139

Calais, J.-L., with Nazareno, H., and Carabelli, G., *Energy bands of hexagonal FeGe via the augmented plane wave method* 2052

Calderwood, J.H., with Sawa, G., *Dependence of surface conduction current in oxidized polyethylene on electric field at various humidities* 2313

Campbell, A.M., *The interaction distance between flux lines and pinning centres* 3186

Carabelli, G., with Nazareno, H., and Calais, J.-L., *Energy bands of hexagonal FeGe via the augmented plane wave method* 2052

Care, C.M., with March, N.H., *Electrical conduction in the Wigner lattice in n type InSb in a magnetic field* L372

Caroli, C., with Combescot, R., Lederer, D., Nozieres, P., and Saint-James, D., *A direct calculation of the tunnelling current: II. Free electron description* 2598

Caroli, C., with Combescot, R., Nozieres, P., and Saint-James, D., *Direct calculation of the tunnelling current* 884

Caroli, C., with Jannink, G., and Saint-James, D., *On the itinerant oscillator model of liquids and the behaviour of coupled harmonic oscillators in the presence of random forces* 545

Chadwick, A.V., with Collins, A.J., and Sherwood, J.N., *Ionic conductivity of crystalline potassium thiocyanate* 584

Chakrapani, G., with Satyanandam, G., and Murty, C.R.K., *Determination of the asymmetry parameter of the electric field gradient of* ^{35}Cl *resonances in mercuric chloride* 1898

Challis, L.J., with Toombs, G.A., *Kapitza conductance due to helium atoms interacting with a surface* 1085

Chamberlain, J.M., with Simmonds, P.E., Stradling, R.A., and Bradley, C.C., *Cyclotron resonance with epitaxial films on n type InP* L38

Chambers, D.N., *The localized vibrations of* $Sr^{2+}-H^-$ *and* $Ba^{2+}-H^-$ *pairs in calcium fluoride* 1977

Chambers, D.N., with Newman, R.C., *Complexes of trigonal symmetry involving hydride ions paired with trivalent rare earth ions in calcium fluoride* 3015

Chambers, D.N., with Newman, R.C., *The localized vibrations of hydride ions paired with divalent rare earth impurities in calcium fluoride* 517

Champeney, D.C., with Sedgwick, D.F., *The molecular dynamics of solid cyclohexane by Mössbauer scattering* 2220

Chan, K.Y., with Young, W., *Spin wave calculations in the t matrix approximation with many bands* 1855

Chandler, P.E., with Bates, C.A., *The Jahn–Teller interaction and* $3d^n$ *ions at tetrahedral sites* 2713

Chandler, P.E., with Bates, C.A., and Stevens, K.W.H., *Isomorphisms and the spin–phonon interaction for (3d) ions* 2017

Chatterjee, R., with Buckmaster, H.A., and Shing, Y.H., *Comments on spin Hamiltonian hyperfine operators* L130

Chatterjee, R., with Buckmaster, H.A., and Shing, Y.H., *290 K spin Hamiltonian parameters for* Gd^{3+} *in lanthanum ethylsulphate at 5, 10 and 35 GHz* 832

Chatterjee, R., with Woodward, A.S., *Theoretical derivation of the higher order electron–nuclear interaction terms in the spin Hamiltonian for* d^3 *ions in cubic symmetry* 1378

Chaudhuri, M.K., *Absorption spectrum of 2-naphthoic acid: pure and mixed crystals* 827

Cheema, S.U., with Smith, M.J.A., *Electron spin resonance of europium in silver chloride* 1231

Cheetham, A.K., with Fender, B.E.F., and Cooper, M.J., *Defect structure of calcium fluoride containing excess anions: I. Bragg scattering* 3107

Cheetham, A.K., with Fender, B.E.F., and Taylor, R.I., *High temperature neutron diffraction study of* $Fe_{1-x}O$ 2160

Chell, G.G., *The free energy of cubic crystals at finite temperatures* 2759

Chell, G.G., *The ground state energy pressure and compressibility of solid* ^3He *at high pressures* L168

Chell, G.G., with Barker, J.A., Klein, M.L., Bobetic, M.V., Zucker, I.J., and Doran, M.B., *Three-body interactions and lattice sums in crystals* L355

Childs, P.A., with Misell, D.L., *On the calculation of electron scattering factors from the free atom formulation* L158

Clark, C.D., with Newman, D.H., *V centres produced in KBr and KCl at 290 K by electron irradiation* 1130

Clark, C.D., with Newman, D.H., *Electron traps in deformed KCl* 1615

Clark, C.D., with Norris, C.A., *Photoluminescence associated with the 1·673, 1·944 and 2·498 eV centres in diamond* 2223

Clough, S., *Quantum tunnelling effects on nuclear magnetic resonance line width* 1075

Clough, S., *Proton spin-lattice relaxation due to tunnelling motions* 2180

Codling, A.J.B., with Henderson, B., *Paramagnetic resonance studies of V^{2+} and Cr^{3+} in orthorhombic symmetry sites in magnesium oxide* 1242

Codling, A.J.B., with Henderson, B., *Exchange interactions between V^{2+} ions in magnesium oxide* 1409

Coey, J.M.D., with Sawatzky, G.A., *A study of hyperfine interactions in the system $(Fe_{1-x}Rh_x)_2O_3$ using the Mössbauer effect* 2386

Coles, B.R., with Fisk, Z., and Taylor, R.H., *Anomalous magnetic behaviour of gadolinium borides* L292

Collins, A.J., with Chadwick, A.V., and Sherwood, J.N., *Ionic conductivity of crystalline potassium thiocyanate* 584

Collins, A.T., with Williams, A.W.S., *The nature of the acceptor centre in semiconducting diamond* 1789

Collins, M.A., with Devine, S.D., Hoffman, R.A., and Robinson, W.H., *Ultrasonically modulated electron resonance* L116

Collins, M.F., with Haywood, B.C., *Optical phonons in MnO* 1299

Combescot, R., with Caroli, C., Nozieres, P., and Saint-James, D., *Direct calculation of the tunnelling current* 884

Combescot, R., with Caroli, C., Lederer, D., Nozieres, P., and Saint-James, D., *A direct calculation of the tunnelling current: II. Free electron description* 2598

Combescot, R., *A direct calculation of the tunnelling current: III. Effect of localized impurity states in the barrier* 2611

Coombs, G.J., with Cowley, R.A., Katiyar, R.S., Ryan, J.F., and Scott, J.F., *Dielectric response in piezoelectric crystals* L203

Cooper, J.D., with Smith, J.P., Woore, J., and Young, D.A., *Shubnikov–de Haas oscillations in neutron-irradiated graphite* 442

Cooper, M.J., with Cheetham, A.K., and Fender B.E.F., *Defect structure of calcium fluoride containing excess anions: I. Bragg scattering* 3107

Cooper, R.F., with Yates, B., *The thermal expansion of rubidium chloride at low temperatures* L113

Corner, W.D., with Al–Bassam, T.S., *Magnetic domain structure of terbium single crystals* 47

Cottam, M.G., *Theory of dipole–dipole interactions in ferromagnets: I. The thermodynamic properties* 2658

Cottam, M.G., *Theory of dipole–dipole interactions in ferromagnets: II. The correlation functions* 2673

Cottey, A.A., *Band theory of the quantum size effect for a simple model* 1734

Cousins, C.S.G., *New relations between elastic constants of different orders under central force interactions* 1117

Cowley, E.R., *Anharmonic contributions to the themodynamic properties of sodium chloride* 988

Cowley, R.A., with Coombs, G.J., Katiyar, R.S., Ryan, J.F., and Scott, J.F., *Dielectric response in piezolectric crystals* L203

Cowley, R.A., with Holden, T.M., Buyers, W.J.L., Svensson, E.C., Hutchings, M.T., Hukin, D., and Stevenson, R.W.H., *Excitations in $KCoF_3$: I. Experimental* 2127

Cowley, R.A., with Buyers, W.J.L., Holden, T.M., Svensson, E.C., and Hutchings, M.T., *Excitations in $KCoF_3$: II. Theoretical* 2139

Cox, A.F.J., with Brown, M.R., Shand, W.A., and Williams, J.M., *A comparison of the photoluminescent and electroluminescent spectra of Er^{3+} in ZnSe* 1049

Cox, A.F.J., with Brown, M.R., Shand, W.A., and Williams, J.M., *Defect configuration for rare earth ions in zinc selenide* 2550

Cox, S.F.J., with Gill, J.C., and Wharmby, D.O., *Evidence for paramagnetic spin–phonon coupling through modulation of isotropic exchange interaction* 371

Cox, A.F.J., with Shand, W.A., *The sensitization of rare earth photoluminescence in II–VI compounds: I. Er^{3+} in CdS:Ag* 2962

Cracknell, A.P., *The application of Landau's theory of continuous phase transitions to magnetic phase transitions* 2488

Cracknell, A.P., with Sedaghat, A.K., *The spin wave contribution to the specific heat of Gd* 3215

Cracknell, M.F., with Semmens, A.G., *On the temperature dependence of the sound attenuation maximum as a function of frequency near the Néel point in MnF_2* 1513

Crick, R.A., with Misell, D.L., *The energy loss of fast electrons in evaporated amorphous films of germanium for the spectral region 2–50eV* 1591

Crissman, J., with Franklin, A.D., *Reorientation of trivalent cation–interstitial fluorine pair in CaF_2* L239

Croxton, C.A., with Ferrier, R.P., *Statistical mechanical calculation of the surface properties of simple liquids: I. The distribution function $g_{(1)}(z)$* 1909

Croxton, C.A., with Ferrier, R.P., *Statistical mechanical calculation of surface*

properties of simple liquids: II. The distribution function $\rho_{(2)}(z_1, r_{12})$ 1921
Croxton, C.A., with Ferrier, R.P., *Statistical mechanical calculation of the surface properties of simple liquids: III. Surface tension* 2433
Croxton, C.A., with Ferrier, R.P., *Statistical mechanical calculation of surface properties of simple liquids: IV. Molecular dynamics* 2447
Curtis, M.M., with Newman, D.J., Bishton, S.S., and Taylor, C.D., *Configuration interaction and lanthanide crystal fields* 3234
Curzon, A.E., with Eastell, M.J., *An electron diffraction study of solidified binary mixtures of nitrogen with argon, neon or xenon* 689

Daboul, J., with Kwon, T. H., and Gersch, H. A., *Dynamical characteristics of a Heisenberg spin cluster* 621
Daga, O.P., with Khokle, W.S., *Influence of strain due to impurities on the electron mobility in silicon* 190
Dagens, L., *Bounds for the Hartree–Fock effective exchange interactions and the static dielectric constants* L165
Dale, B.W., *The* ^{57}*Fe quadrupole splitting generated by a single 3d electron in* FeF_2 2705
Dalton, N.W., with Rimmer, D. E., and Wood, D.W., *The high temperature susceptibility of the anistropic Heisenberg model* L4
Dalven, R., *Application of the f-sum rule to the band edges of several semiconductors* L1
Das, A.K., with Hebborn, J.E., *Screening of a charged impurity in a magnetic field : II. Oscillatory terms* L242
Dasannacharya, B.A., with Rao, K.R., and Yip, S., *Multiple scattering of neutrons in liquid methane* 2725
David, P., with Heath, M., *Further comments on the shape dependent demagnetizing field in ferromagnetic resonance* L282
Davies, J.J., with Horai, K., *The hyperfine interactions of fluorine ions in the vicinity of* Cr^{3+} *and* Cr^{+} *in* $KMgF_3$*: I.* ^{19}F *and* ^{53}Cr *ENDOR measurements* 671
Davies, J.J., with Horai, K., *The hyperfine interactions of fluorine ions in the vicinity of* Cr^{3+} *and* Cr^{+} *in* $KMgF_3$*: II. Overlap contributable to the second nearest interaction* 682
Dawson P., with Hargreave, M.M., and Wilkinson, G.R., *The vibrational spectrum of zircon* ($ZrSiO_4$) 240
Dawson, P., with Katiyar, R.S., Hargreave, M.M., and Wilkinson, G.R., *Dynamics of the rutile structure: III. Lattice dynamics, infrared and Raman spectra of* SnO_2 2421
Daycock, J.T., with Parry-Jones, G., *Spin temperature treatment of cross relaxation in low fields* 765
Dean, P., with Bell, R.J., and Hibbins-Butler, D.C., *Normal mode assignments in vitreous silica, germania and beryllium fluoride* 1214
Delaney, J.A., with Pippard, A.B., *Coupled mechanical and helicon oscillations* 435
Dennis, R.B., with Allwood, R.L., Smith, S.D., Wherrett, B.S., and Wood, R.A., *Increased tuning range of intense magneto spin-flip scattering of 10·6 μm radiation in InSb* L63
Dennis, R.B., with Allwood, R.L., Mellish, R.G., Smith, S.D., Wherrett, B.S., and Wood, R.A., *Spin flip Raman scattering of harmonically generated 5·3μm radiation* L126
Dennis, R.B., with Hafele, H.G., Grisar, R., Irslinger, C., Wachernig, H., Smith, S.D., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation; coherence lengths, and second order susceptibilities near the band edge in* InSb 2637
Devine, S.D., *Multiphonon selection rules for infrared absorption and Raman scattering in ferroelectric and paraelectric sodium nitrite* 1036
Devine, S.D., with Collins, M.A., Hoffman, R.A., and Robinson, W.H., *Ultrasonically modulated electron resonance* L116
Devine, S., with Peckham, G., *Group theoretical selection rules for inelastic neutron scattering with applications to* $LiNbO_3$ 1091
Dietrich, O.W., with Als-Neilsen, J., *Spin dynamics in Tb studied by critical neutron scattering* 71
Dissado, L.A., *Absorption intensities of molecular crystals* 1874
Dixon, J.M., *Modifications to the magnetic g tensor of a* Pt^{+} *ion in ruby due to the Jahn–Teller effect* 1221
Doake, C.S.M., with Gribbon, P.W.F., *A hydrodynamic approach to the roton-limited mobility of ions in liquid helium* 2457
Dobrzynski, L., with Beeby, J.L., *The scattering of atoms from surfaces : a model* 1269
Doman, B.G.S., with Gavan, T., *The correlation between the spins of the conduction electrons and that of a magnetic moment in a superconductor* L31

Domb, C., *Cluster expansion for the dilute Ising ferromagnet* L325
Domb, C., with Rapaport, D.C., *The smoothness postulate and the Ising antiferromagnet* 2684
Dona Dalle Rose, L.F., *Thermodynamical discussion of a linear approximation to the Fermi–Dirac distribution function* 1719
Doran, M.B., with Barker, J.A., Klein, M.L., Bobetic, M.V., Zucker, I.J., and Chell, G.G., *Three-body interactions and lattice sums in crystals* L355
Doran, M.B., with Zucker, I.J., *Higher order multipole three-body van der Waals interactions and stability of rare gas solids* 307
Dowsing, R.D., with Hall, T.P.P., Wertz, J.E., and Henderson, B., *An epr study of vacancy–impurity association in MgO* 107
Dowson, A.E.K., *Excitations from the spin-density wave ground state* 1560
Ducastelle, F., *Derivation of the coherent potential approximation from the atomic limit in the disordered alloy problem* L75
Dugdale, D.E., with Lacey, S.D., and Lancaster, G., *A temperature dependent hyperfine interaction in n-type silicon* 654
Dugdale, D.E., with Weightman, P., and Holroyd, L.V., *An epr study of* Mn^{2+} in single crystals of *BaO* 3292
Dupasquier, A., with Bisi, A., and Zappa, L., *Magnetic quenching of the long-living state of the positron in KCl containing F-centres* L33
Dupasquier, A., with Bisi, A., and Zappa, L., *Evidence for positronium-like states in alkali halides* L311

Earney, J.J., with Finn, C.B.P., and Najafabadi, B.M., *Van Vleck temperature independent paramagnetism in some rare earth double nitrates* 1013
Eastell, M.J., with Curzon, A.E., *An electron diffraction study of solidified binary mixtures of nitrogen with argon, neon or xenon* 689
Eaves, L., with Stradling, R.A., Askenazy, S., Leotin, J., Portal, J.C., and Ulmet, J.P., *The magnetophonon effect in epitaxial films in n-type InP* L42
Edmonds, D.T., with Gill, G.P., *Nuclear resonance of* ^{27}Al *in three rare earth aluminates from room temperature to 1·4 K* 1426
Edwards, J.T., with Thouless, D.J., *Regularity of the density of states in Anderson's localized electron model* 453
Edwards, S.F., with Jones, R.C., *Spin waves in disordered antiferromagnets* L193
Edwards, S.F., with Jones, R.C., *A Green function theory of spin waves in randomly disordered magnetic systems : I. The ferromagnet* 2109
Egelstaff, P.A., with Page, D.I., and Heard, C.R.T., *Experimental study of the triplet correlation function for simple liquids* 1453
Elliot, J.A., *Line structure in the continuous x ray spectrum: a crystallographic approach in the kinematic approximation* 2258
Elliott, R.J., with Gehring, G.A., Malozemoff, A.P., Smith, S.R.P., Staude, W.S., and Tyte, R.N., *Theory of co-operative Jahn–Teller distortions in* $DyVO_4$ *and* $TbVO_4$ L179
Elliott, R.J., with Wood, C., *The Ising model with a transverse field: I. High temperature expansion* 2359
Elliott, R.J., with Pfeuty, P., *The Ising model with a transverse field: II. Ground state properties* 2370
Elliott, R.J., with Young, A.P., and Smith, S.R.P., *Acoustic anomalies in Jahn–Teller coupled systems* L317
Ellis, C.J., with Leask, M.J.M., Martin, D.M., and Wells, M.R., *Magnetic interactions in antiferromagnetic* $DyPO_4$ 2937
van den Enden, J., with van Putte, K., *Note on the reorientation process in solid ethylene* L161
Escribe, C., with Hughes, A.E., *Vibronic properties of the* F^+ *absorption band in calcium oxide* 2537
Essam, J.W., with Gwilym, K.M., *The scaling laws for percolation processes* L228
Esterling, D.M., with Blackman, J.A., *Comment on 'narrow band solution to the Hubbard model'* L238
Evans, R., with Keller, J., *The use of general potentials in the band structure calculation* 3155
Everett, C.R., with Walton, A.K. and Reimann, P.L., *The influence of uniaxial stress on infrared free carrier Faraday effect in n-type silicon and germanium* 201

Fawcett, W., with Paige, E.G.S., *Negative differential mobility of electrons in germanium: A Monte Carlo calculation of the distribution function, drift velocity and carrier populations in the (111) and (100) minima* 1801
Faux, I.D., *The population catastrophe in defect calculations in ionic crystals* L211

Felsteiner, J., *Electric quadrupole interaction in cubic nitrogen* L281

Felsteiner, J., with Fox, R., and Kahane, S., *Structure factors and Compton profile for LiH calculated from selfconsistent local orbital wave* L163

Fender, B.E.F., with Cheetham, A.K., and Cooper, M.J., *Defect structure of calcium fluoride containing excess anions: I. Bragg scattering* 3107

Fender, B.E.F., with Cheetham, A.K., and Taylor, R.I., *High temperature neutron diffraction study of* $Fe_{1-x}O$ 2160

Fender, B.E.F., with Tofield, B.C., *The magnetic diffuse scattering of neutrons by isolated metal ions:* Cr^{3+} *in* Al_2O_3 1279

Ferguson, J., with Guggenheim, H.J., and Krausz, E.R., *Optical absorption by Cu–Mn pairs in* $KZnF_3$ 1866

Ferreira, L.G., *Formulation of the lattice dynamics problems in terms of rigidly moving Wannier functions* 3

Ferreira, L.G., with Parada, N.J., *Form factors and moments of Wannier function distributions in the nearly free electrons limit* 15

Ferreira, L.G., with Pratt, G.W.Jr., *Formulation of the lattice dynamics problem in terms of rigidily moving Wannier functions: II. Electrophonon interaction* 20

Ferrier, R.P., with Croxton, C.A., *Statistical mechanical calculation of the surface properties of simple liquids: I. The distribution function* $g_{(1)}(z)$ 1909

Ferrier, R.P., with Croxton, C.A., *Statistical mechanical calculation of surface properties of simple liquids: II. The distribution function* $\rho_{(2)}(z_{11}r_{12})$ 1921

Ferrier, R.P., with Croxton, C.A., *Statistical mechanical calculation of the surface properties of simple liquids: III. Surface tension* 2433

Ferrier, R.P., with Croxton, C.A., *Statistical mechanical calculation of surface properties of simple liquids: IV. Molecular dynamics* 2447

Fidler, F.B., with Tucker, J.W., *Thermodynamic properties of a* $S=1$ *spin-phonon system: Specific heat of* Fe^{2+} *in MgO* 2583

Finn, C.B.P., with Earney, J.J., and Najafabadi, B.M., *Van Vleck temperature independent paramagnetism in some rare double earth nitrates* 1013

Fisk, Z., with Taylor, R.H., and Coles, B.R., *Anomalous magnetic behaviour of gadolinium borides* L292

Fisher, B.E.A., *Spin waves in an itinerant electron model of an antiferromagnet* 2695

Fletcher, J.R., *The angular dependence of strain broadened resonance lines* L156

Fletcher, K., with Pitt, G.D., *Intervalley scattering in n-type Ge from a Hall effect experiment to high pressures* 1822

Fletcher, S.R., with Skapski, A.C., and Keve, E.T., *Crystallographic studies of irradiation/field treated triglycine sulphate: a new structure form* L255

Foo, E.N., *Effects of resonant states on the exchange interaction in alloys* L251

Fox, R., with Kahane, S., and Felsteiner, J., *Structure factors and compton profile for LiH calculated from selfconsistent local orbital wavefunction* L163

Franklin, A.D., with Crissman, J., *Reorientation of trivalent cation–interstitial fluorine pair in* CaF_2 L239

Freed, K.F., *A selfconsistent field theory of electron localization in disordered systems: The Anderson transition* L331

French, I.E., *The effects of interupted neutron irradiation on strain amplitude dependent internal friction in NaCl* 1725

French, I.E., with Harris, R.W., *Effects of neutron irradiation on strain–amplitude dependent internal friction in sodium chloride single crystals* 331

Freund, P., with Hann, B.F., and Owen, J., *Transferred hyperfine interactions for* Mn^{2+} *in MgO* L296

Gambarini, G., with Bertolaccini, M., Bisi, A., and Zappa, L., *Positron states in ionic media* 734

Garlick, G.F.J., with Nicholls, J.E., and Ozer, A.M., *Electron spin resonance of electron irradiated germanium dioxide* 2240

Gaskell, T., *Velocity autocorrelation function and diffusion coefficient in a liquid* 1466

Gavaix, A., with Raoult, G., Vasson, A., and Vasson, A.M., *Effect of* Fe^{2+} *on electron spin relaxation for one transition of* Fe^{3+} *in corundum* 3297

Gavan, T., with Doman, B.G.S., *The correlation between the spins of the conduction electrons and that of a magnetic moment in a superconductor* L31

Gawlik, D., with Gobrecht, H., and Mahdjuri, F., *Electrical properties of liquid selenium up to 1300 K* 2247

Gehring, G.A., with Elliot, R.J., Malozemoff, A.P., Smith, S.R.P., Staude, W.S., and Tyte, R.N., *Theory of co-operative Jahn–Teller distortions in* $DyVO_4$ *and* $TbVO_4$ L179

Geldart, D.J.W., *Resistive anomalies of* *antiferromagnets above the Néel point* L153

Gersch, H.A., with Daboul, J., and Kwon, T.H., *Dynamical characteristics of a Heisenberg spin cluster* 621

Ghosh, D.K., *A justification of Hubbard's decoupling scheme* L147

Ghosh, A.K., with Roy, D., *Entropy of formation of vacancy pairs in alkali halides* 941

Gibbons, T.G., with Barron, T.H.K., and Munn, R.W., *Thermodynamics of internal strain in perfect crystals* 2805

Gibson, A.F., with Walker, A.C., *Sign reversal of the photon drag effect in p type germanium* 2209

Gill, J.C., *A recipe for calculating magnetic resonance line shapes* 1420

Gill, J.C., with Cox, S.F.J., and Wharmby, D.O., *Evidence for paramagnetic spin–phonon coupling through modulation of isotropic exchange interaction* 371

Gill, G.P., with Edmonds, D.T., *Nuclear resonance of ^{27}Al in three rare earth aluminates from room temperature to 1·4 K* 1426

Ginter, J., with Mycielski, J., *Symmetry properties of the localized potentials in the electron–phonon interaction* 1540

Gitelson, H.A., with Blake, W.B.J., and Wertz, J.E., *The V_{OH} centre in strontium oxide* L261

Gobrecht, H., with Mahdjuri, F., and Gawlik, D., *Electrical properties of liquid selenium up to 1300 K* 2247

Goldberg, I.B., with Weger, M., *The electronic band structure of* V_3Ga *and* V_3Si L188

Grannell, P.K., with Mansfield, P., *Improved resolution of small resonance shifts of dilute nuclear spin systems in solids by pulsed double resonance* L197

Green, B., with Matthew, J.A.D., *Pseudopotentials for core electrons in ionic crystals* L101

Gribbon, P.W.F., with Doake, C.S.M., *A hydrodynamic approach to the roton–limited mobility of ions in liquid helium* 2457

Grimes, N.W., *Structural distortions in $MgCr_2O_4$* L342

Grisar, R., with Hafele, H.G., Irslinger, C., Wachernig, H., Smith, S.D., Dennis, R.B., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation, coherence lengths, a second order susceptibilities near the band edge in InSb* 2637

Gross, U., with Jenkin, G.T., and Hodby, J.W., *Cyclotron resonance of polarons in KI. Dependence of carrier temperature on chemical purity* L89

Gubernatis, J.E., with Taylor, P.L., *Special aspects of the electronic structure of a one dimensional random alloy* L94

Guggenheim, H.J., with Ferguson, J., and Krausz, E.R., *Optical absorption by Cu–Mn pairs in $KZnF_3$* 1866

Guttmann, A.J., with Betts, D.D., and Joyce, G.S., *Lattice–lattice scaling and the generalized law of corresponding states* 1994

Gwilym, K.M., with Essam, J.W., *The scaling laws for percolation processes* L228

Hafele, H.G., with Grisar, R., Irslinger, C., Wachernig, H., Smith, S.D., Dennis, R.B., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation, coherence lengths and second order susceptibilities near the band edge in InSb* 2637

Hagston, W.E., with Totterdell, D.H.J., and Bryant, F.J., *Identification of edge and exciton emission centres in CdTe* 641

Halonen, V., with Manninen, S., and Inkinen, O., *X ray Compton profile of LiCl* L366

Halpern, V., *A reduced Green function for finite solids* L369

Hamid, S.A., *Identification of the displaced atomic species for binary semiconducting compounds* 2635

Hall, H.E., with Black, M.A. and Thompson, K., *The viscosity of liquid helium 3* 129

Hall, T.P.P., with Wertz, J.E., Dowsing, R.D. and Henderson, B., *An epr study of vacancy impurity association in MgO* 107

Hann, B.F., with Freund, P., and Owen, J., *Transferred hyperfine interactions for Mn^{2+} in MgO* L296

Harding, G.L., with Lanchester, P.C., and Street, R., *The low temperature magnetic thermal expansion of $CuCl_2.2H_2O$* 2923

Hargreave, M.M., *The detection of longitudinal optic modes by the infrared reflection technique* 174

Hargreave, M.M., with Dawson, P., and Wilkinson, G.R., *The vibrational spectrum of zircon ($ZrSiO_4$)* 240

Hargreave, M.M., with Katiyar, R.S., Dawson, P., Wilkinson, G.R., *Dynamics of the rutile structure: III. Lattice dynamics, infrared and Raman spectra of SnO_2* 2421

Harmer, A.L., with Bartram, R.H., and Hayes, W., *Theory of F centres in alkaline earth fluorides* 1665

Harmer, A.L., with Hayes, W., and O'Brien, M.C.M., *Stark effect of the F^+ centre in CaO* L108

Harper, P.G., with Allegrini Arimondo, M., *Resonant polaron damping of de Haas–Van Alphen oscillations in polar semiconductors* 181

Harris, R.W., with French, I.E., *Effects of neutron irradiation on strain–amplitude dependent internal friction in sodium chloride single crystals* 331

Harris, R., with Warren Blaker, J., *The scattering of electrons from impurities in crystals* 569

Hart, P.B., with Nicklin, R., Mosby, C.D., and Lidgard, G., *Efficient yellow luminescence from vapour grown gallium phosphide with nitrogen content high* L344

Hayes, T.M., with Beeby, J.L., *The ac conductivity of disordered systems* 1757

Hayes, W., with Bartram, R.H., and Harmer, A.L., *Theory of F centres in alkaline earth fluorides* 1665

Hayes, W., with Beaumont, J.H., and Laiho, R.T.S., *Magneto–optical properties of the Cd^+ ion in x irradiated alkali halides* 1505

Hayes, W., with Harmer, A.L., and O'Brien, M.C.M., *Stark effect of the F^+ centre in CaO* L108

Hayes, W., with Kunz, A.B., and Koch, E.E., *Reflectance spectra of alkaline earth fluorides in the vacuum ultraviolet* L200

Hayes, W., with Smith, P.H.S., *Paramagnetic resonance in ground and optically excited states of Tm^{2+} in alkaline earth fluorides* 840

Haywood, B.C.G., with Batchelder, D.N., and Saunderson, D.H., *Temperature dependence of phonon frequencies in argon by inelastic neutron scattering* 870

Haywood, B.C., with Collins, M.F., *Optical phonons* in *MnO* 1299

Heard, C.R.T., with Egelstaff, P.A., and Page, D.I., *Experimental study of the triplet correlation function for simple liquids* 1453

Heath, M., with David, P., *Further comments on the shape dependent demagnetizing field in ferromagnetic resonance* L282

Hebborn, J.E., with Das, A.K., *Screening of a charged impurity in a magnetic field: II. Oscillatory terms* L242

Hedin, L., with Lundqvist, B.I., *Explicit local exchange–correlation potentials* 2064

Heine, V., *Proof of an energy gap in a model of amorphous Ge* L221

Heine, V., with Mattheiss, L.F., *Metal–insulator transition in transition metal oxides* L191

Heine, V., with Shively, J.E., *A minimum perturbation pseudopotential in terms of phase shifts* L269

Henderson, B., with Bowen, D.H., *Radiation damage in magnesium oxide: I. Dose dependence of reactor damage* 1487

Henderson, B., with Bowen, D.H., Briggs, A., and King, R.D., *Radiation damage in magnesium oxide: II. Effect of pre-irradiation annealing in hydrogen* 1496

Henderson, B., with Codling, A.J.B., *Paramagnetic resonance studies of V^{2+} and Cr^{3+} in orthorhombic symmetry sites in magnesium oxide* 1242

Henderson, B., with Codling, A.J.B., *Exchange interactions between V^{2+} ions in magnesium oxide* 1409

Henderson, B., with To, K.C., *Transition energies of F^+ centres in alkaline earth oxides* L216

Henderson, B., with Wertz, J.E., Hall, T.P.P., and Dowsing, R.D., *An epr study of vacancy–impurity association in MgO* 107

Herbert, D.C., *A broken symmetry approach to metastability* 2166

Herbert, D.C., with Jones, R., *Localized states in disordered systems* 1145

Heuberger, R., with Joffe, I., *Magnetic properties of assemblies of single domain elliptical platelets* 805

Hibbins–Butler, D.C., with Bell, R.J., and Dean, P., *Normal mode assignments in vitreous silica, germania and beryllium fluoride* 1214

Higashimura, T., with Nambi, K.S.V., *New absorption bands in fluorite by heavy gamma irradiation* L134

Hill, N.E., *The influence of the Poley absorption on the inertial fall-off of the dielectric absorption* 2322

Hill, R., with Richardson, D., *A comparison of the EPM and DM methods for calculations in mixed zincblende alloys* L339

Hill, R., with Wilson, S., *Discussion of possible mechanisms for the observed optically induced attenuation of longitudinal hypersound in germanium* 2799

Hodby, J.W., with Jenkin, G.T., and Gross, U., *Cyclotron resonance of polarons in KI Dependence of carrier temperature on chemical purity* L89

Hodby, J.W., *Cyclotron resonance of the polaron in the alkali and silver halides III* L8

Hoffman, R.A., with Collins, M.A., Devine, S.D., and Robinson, W.H., *Ultrasonically modulated electron resonance* L116

Holah, G.D., *Two phonon absorption in ferroelectric sodium nitrite* 2191

Holah, G.D., *Temperature dependence of the force constants of* NO_2 *in* $NaNO_2$ 2557

Holden, T.M., with Buyers, W.J.L., Svensson, E.C., Cowley, R.A., Hutchings, M.T., Hukin, D., and Stevenson, R.W.H., *Excitations in* $KCoF_3$*: I. Experimental* 2127

Holden, T.M., with Buyers, W.J.L., Svensson, E.C., Cowley, R.A., and Hutchings, M.T., *Excitations in* $KCoF_3$*: II. Theoretical* 2139

Holroyd, L.V., with Weightman, P., and Dugdale, D.E., *An epr study of* Mn^{2+} *in single crystals of BaO* 3292

Hoodless, I.M., with Strange, J.H., and Wylde, L.E., *Self diffusion in single crystals of sodium iodide* 2737

Hoodless, I.M., with Strange, J.H., and Wylde, L.E., *Selfdiffusion studies in sodium iodide single crystals by nmr relaxation* 2742

Horai, K., with Davies, J.J., *The hyperfine interactions of fluorine ions in the vicinity of* Cr^{3+} *and* Cr^{+} *in* $KMgF_3$ *Part I:* ^{19}F *and* ^{53}Cr *ENDOR measurements* 671

Horai, K., with Davies, J.J., *The hyperfine interactions of fluorine ions in the vicinity of* Cr^{3+} *and* Cr^{+} *in* $KMgF_3$ *Part II: Overlap contributions to the second nearest interaction* 682

Hortal, M., with Vieira, S., *Anharmonic contribution to the entropy of solids. Analysis of KF* 1703

Horwood, J.L., with Tremblay, R., Townsend, M.G., and Ripley, L.J., *Metal–semiconductor transition in single crystal hexagonal nickel sulphide* 598

Houston, G.D., with Bolton, H.C., *Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP* 2097

Houston, G.D., with Bolton, H.C., *Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP: II* 2894

Hubbard, J., *Spin–correlation functions in the paramagnetic phase of a Heisenberg ferromagnet* 53

Hughes, A.E., with Escribe, C., *Vibronic properties of the* F^{+} *absorption band in calcium oxide* 2537

Hughes, A.E., with Pooley, D., *High dose proton irradiation of alkali halides* 1963

Hughes, D.G., with Reed, K., *Orientation dependence of the* ^{23}Na *nuclear quadrupole spin lattice relaxation in sodium nitrate* 2945

Hughes, D.G., with Snyder, R.E., *Orientation dependence of the nuclear quadrupole relaxation in crystals* 227

Hukin, D., with Holden, T.M., Buyers, W.J.L., Svensson, E.C., Cowley, R.A., Hutchings, M.T., and Stevenson, R.W.H., *Excitations in* $KCoF_3$*: I. Experimental* 2127

Hunt, R.A., *A model of magnetostriction in an Ising system and its application to* $PrCl_3$ *and* $NdCl_3$ 2572

Hutchings, M.T., with Holden, T.M., Buyers, W.J.L., Svensson, E.C., Cowley, R.A., Hukin, D., and Stevenson, R.W.H., *Excitations in* $KCoF_3$*: I. Experimental* 2127

Hutchings, M.T., with Buyers, W.J.L., Holden, T.M., Svensson, E.C., and Cowley, R.A., *Excitations in* $KCoF_3$*: II. Theoretical* 2139

Hutton, D.R., *Paramagnetic resonance of* VO^{2+}, Cr^{3+} *and* Fe^{3+} *in Zoisite* 1251

Inglesfield, J.E., *Green functions, surfaces and impurities* L14

Inglesfield, J.E., *Perturbation theory and chemical bonding in NaTl* 1003

Inkinen, O., with Manninen, S., and Halonen, V., *X ray Compton profile of LiCl* L366

Inkson, J. C., *The electrostatic image potential in metal–semiconductor junctions* 591

Iolin, E.M., *Resonant reflection of sound from the surface of a paramagnet* 492

Irslinger, C., with Hafele, H.G., Grisar, R., Wachernig, H., Smith, S.D., Dennis, R.B., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation, coherence lengths, and second order susceptibilities near the band edge in InSb* 2637

Isenberg, C., *Moment calculations in lattice dynamics: II* 164

Jain, A. K. with Srivastava, G.P., *Microwave transmission through p type germanium* 364

Jain, S.C., with Nanda, V.S., *Equation of state and other associated properties of liquid argon and liquid methane* 3045

Jain, S.C., with Sai, K.S.K., and Lal, K., *Dielectric loss, optical absorption spectra and electrical conductivity of lead doped alkali halides* 1958

Jannink, G., with Caroli, B., and Saint-James, D., *On the itinerant oscillator model of liquids and the behaviour of coupled harmonic oscillators in the presence of random forces* 545

Jaros, M., *Ground states and photoionization of iron group transition metal impurities in semiconductors* 2979

Jaros, M., *Ground states of shallow donors in silicon and germanium* 1162

Jaros, M., with Vinsome, P.K.W., *The microscopic dielectric function and charge density in germanium* 1360

Jasinski, A., with Andrew, E.R., *Nuclear magnetic resonance spectra of rapidly-rotated solids containing reorienting molecular groups* 391

Jasper, E.F., with Bates, C.A., *The properties of exchange-coupled triads of* Cr^{3+} *ions in ruby* 2330

Jasper, R.F., with Bates, C.A., *The relaxation of exchange coupled triads in ruby* 2341

Jenkin, G.T., with Hodby, J.W., and Gross, U., *Cyclotron resonance of polarons in KI. Dependence of carrier temperature on chemical purity* L89

Joffe, L., with Heuberger, R., *Magnetic properties of assemblies of single domain elliptical platelets* 805

Jones, D., with Lettington, A.H., and Sarginson, R., *Thermoreflectance studies of thin epitaxially deposited (InGa)P alloys* 1534

Jones, G., with Brebner, J.L., *Asymmetric line shape of excitons localized in thin crystals* L137

Jones, G., with Brebner, J.L., *The behaviour of Wannier excitons in very thin crystals* 723

Jones, R., with Herbert, D.C., *Localized states in disordered systems* 1145

Jones, R.C., *Impurity spin wave modes in a simple cubic Heisenberg ferromagnet* 2903

Jones, R.C., with Edwards, S.F., *Spin waves in disordered antiferromagnets* L193

Jones, R.C., with Edwards, S.F., *A Green function theory of spin waves in randomly disordered magnetic systems: I. The ferromagnet* 2109

Jones, W., with Young, W.H., *Density functional theory and the von Weizsacker method* 1322

Jonscher, A.K., *Energy losses in hopping conduction at high electric fields* 1331

Jonscher, A.K., with Loh, C.K., *Poole–Frenkel conduction in high alternating electric fields* 1341

Jonscher, A.K., with Nathoo, M.H., *High field and ac properties of stearic acid films* L301

Jonscher, A.K., with Rodger, K.S., *Space charge waves in solids* 194

Jorgensen, M.H., with Butcher, P.N., and Vinter, B., *On the mathematical formalism used in some recent papers on nonlinear acoustoelectric phenomena* 2319

Joshi, S.K., with Kishore, R., *Metal–nonmetal transition in magnetic systems* 2475

Joshua, S., with Lukes, T., and Morgan, D.J., *Calculation of periodic lattice Green functions, with applications to impurity levels in semiconductors* 2623

Joyce, G.S., *Lattice Green function for the anisotropic face centred cubic lattice* L53

Joyce, G.S., *Exact evaluation of the body centred cubic lattice Green function* 1510

Joyce, G.S., with Betts, D.D., and Guttman, A.J., *Lattice–lattice scaling and the generalized law of corresponding states* 1994

Kahane, S., with Felsteiner, J., and Fox, R., *Structure factors and Compton profile for LiH calculated from selfconsistent local orbital wavefunctions* L163

Kalus, J., with Bonning, K., Wehr, G., Vogl, G., and Wenzl, H., *Stored energy release of solid argon after reactor irradiation at 4·6 K* 324

Karpick, J.T., with Wall, W.A., and Di Bartolo, B., *Temperature dependence of the vibronic spectrum and fluorescence lifetime of YAG:*Cr^{3+} 3258

Katiyar, R.S., with Cowley, R.A., Coombs, G.J., Ryan, J.F., and Scott, J.F., *Dielectric response in piezoelectric crystals* L203

Katiyar, R.S., with Dawson, P., Hargreave, M.M., and Wilkinson, G.R., *Dynamics of the rutile structure: III. Lattice dynamics, infrared and Raman spectra of* SnO_2 2421

Kawasaki, K., with Ausloos, M., *Comment on Marcelja's 'Resistivity of antiferromagnets above the Néel temperature'* L132

Keller, J., *Modified muffin tin potentials for the band structure of semiconductors* L85

Keller, J., *Long range order, short range order and energy gaps* 3143

Keller, J., with Evans, R., *The use of general potentials in the band structure calculation* 3155

Kelly, J.C., with Bryce, P., and Richards, J., *The electrostatic deflection of sputtered ions by the incident sputtering beam* L263

Kemp, R.C., *Orthorhombic iron centres in muscovite and phlogopite micas* L11

Keve, E.T., with Fletcher, S.R., and Skapski, A.C., *Crystallographic studies of irradiation/field treated triglycine sulphate: a new structure form* L255

Khan, D.C., with Mahendra, A., *Magnetic scattering of neutrons by several unfilled shells configurations* 3307

Khokle, W.S., with Dage, O.P., *Influence of strain due to impurities on the electron mobility in silicon* 190

Khor, K.E., *Comments on the derivation of band-tailing in disordered systems by maximization methods* L50

Khor, K.E., with Smith, P.V., *Localization of electron states in two dimensional disordered potential arrays* 2029

Khor, K.E., with Smith, P.V., *Derivation of the band tailing in the Anderson model* 2041

King, P.J., *The low temperature anharmonic attenuation of transverse hypersonic waves in anistropic cubic crystals* 1306

King, R.D., with Henderson, B., Bowen, D.H., and Briggs, A., *Radiation damage in magnesium oxide: II. Effect of pre-irradiation annealing in hydrogen* 1496

Kishore, R., with Joshi, S.K., *Metal–nonmetal transition in magnetic systems* 2475

Klein, M.L., with Barker, J.A., Bobetic, M.V., Zucker, I.J., Doran, M.B., and Chell, G.G., *Three-body interactions and lattice sums in crystals* L355

Koch, E.E., with Hayes, W., and Kunz, A.B., *Reflectance spectra of alkaline earth fluorides in the vacuum ultraviolet* L200

Kolopus, J.L., with Lewis, J.T., Unruh, W.P., and Nelson, L.G., *The F centre in* MgF_2*: II. Optical absorption and epr* 3007

Kolopus, J.L., with Unruh, W.P., Nelson, L.G., and Lewis, J.T., *The F centre in* MgF_2*: I. Epr and Endor* 2992

Krausz, E.R., with Ferguson, J., and Guggenheim, H.J., *Optical absorption by Cu–Mn pairs in* $KZnF_3$ 1866

Krishan, K., *F centre electronic energy levels: a pseudopotential calculation for NaCl* 1550

Kumar, A., with Kushwaha, S.S., *An electron gas model for the lattice dynamics of lanthanides* 1674

Kunz, A.B., with Hayes, W., and Koch, E.E., *Reflectance spectra of alkaline earth fluorides in the vacuum ultraviolet* L200

Kupperman, D.S., with Simmons, R.O., *Sound velocities in polycrystalline krypton* L5

Kushwaha, S.S., with Kumar, A., *An electron gas model for the lattice dynamics of lanthanides* 1674

Kwon, T.H., with Daboul, J. and Gersch, H.A., *Dynamical characteristics of a Heisenberg spin cluster* 621

Kynev, K., with Tabakova, V., *Effect of iodine anions on the spectral characteristics of tin-activated potassium chloride single crystals* 1069

Lacey, S.D., with Dugdale, D.E., and Lancaster, G., *A temperature dependent hyperfine interaction in n type silicon* 654

Laiho, R.T.S., with Beaumont, J.H., and Hayes, W., *Magneto-optical properties of the* Cd^+ *ion in x irradiated alkali halides* 1505

Lal, K., with Jain, S.C., and Sai, K.S.K., *Dielectric loss, optical absorption spectra and electrical conductivity of lead doped alkali halides* 1958

Lal, H.H., with Verma, M.P., *On the evaluation of some useful lattice sums on ionic crystal structures* 1652

Lancaster, G., with Lacey, S.D., and Dugdale, D.E., *A temperature dependent hyperfine interaction in n type silicon* 654

Lanchester, P.C., with Harding, G.L., and Street, R., *The low temperature magnetic thermal expansion of* $CuCl_2.2H_2O$ 2923

Langer, W.D., *Narrow band solution to the Hubbard model* L56

Larkins, F.P., *Point defect calculations in diamond type crystals by the extended Huckel method: I. General theory and the vacancy problem* 3065

Larkins, F.P., *Point defect calculations in diamond type crystals by the extended Huckel method: II. The substitutional impurity problem* 3077

Larkins, F.P., with Stoneham, A.M., *Lattice distortion near vacancies in diamond and silicon I* 143

Larkins, F.P., with Stoneham, A.M., *Lattice distortion near vacancies in diamond and silicon II* 154

Larsen, U., *A simple derivation of the s–d exchange interaction* 1835

Lawrence, M.J., *A numerical comparison of the APW and KKRZ methods of band structure calculation* 1737

Leask, M.J.M., with Ellis, C.J., Martin, D.M., and Wells, M.R., *Magnetic interactions in antiferromagnetic* $DyPO_4$ 2937

Lederer, D., with Caroli, C., Combescot, R., Nozieres, P., and Saint-James, D., *A direct calculation of the tunnelling current: II. Free electron description* 2598

Lee, B.S., *Short range order in a compressible Ising system* 3221

Lee, B.S., with Bolton, H.C., *Spin–phonon interactions in compressible Ising magnets II* 1178

Lehmann, G., *Remark on the existence of localized states* 187

Lewis, J.T., with Kolopus, J.L., Unruh, W.P., and Nelson, L.G., *The F centre in MgF_2: II. Optical absorption and epr* 3007

Lewis, J.T., with Unruh, W.P., Nelson, L.G., and Kolopus, J.L., *The F centre in MgF_2: I. Epr and Endor* 2992

Liang, W.Y., *Reflectivity of MoS_2 and $NbSe_2$* L378

Liekens, W., with Michiels, L., and De Bock, A., *On the attenuation of 9·4 GHz longitudinal hypersonic waves in some trigonal crystals* 1124

Liekens, W., with Michiels, L., and De Bock, A., *Attenuation of longitudinal hypersonic waves in Z-cut quartz* L308

Leitner, E., with Seifert, F., *Investigation of the acoustoelectric excitation in n-InSb by 35 GHz helicon transmission* 1519

Lenk, R., *Nuclear spin lattice relaxation and stochastic isotropic translations of protons in elastomers and glycerol* L21

Leotin, J., with Askenazy, S., Stradling, R.A., Eaves, L., Portal, J.C., and Ulmet, J.P., *The magnetophonon effect in epitaxial films of n-type InP* L42

Lettington, A.H., with Jones, D., and Sarginson, R., *Thermoreflectance studies of thin epitaxially deposited (InGa)P alloys* 1534

Liang, W.Y., *Reflectivity of MoS_2 and $NbSe_2$* L378

Liang, W.Y., with Acrivos, J.V., Wilson, J.A., and Yoffe, A.D., *Optical studies of metal–semiconductor transmutations produced by interaction* L18

Lidgard, G., with Nicklin, R., Mobsby, C.D., and Hart, P.B., *Efficient yellow luminescence from vapour grown gallium phosphide with high nitrogen content* L344

Lingard, P.A., *Magnetic relaxation in anistropic magnets* 80

Litzman, O., with Bartusek, M., *About the inversion of some matrices arising in the dynamics of crystal lattices with d effects* 1656

Lo, B.W.N., with Brown, R.D., *Potential charge distributions in point charge lattices: I. The method* 263

Lo, B.W.N., with Brown, R.D., *Potential charge distributions in point charge lattices: II. Application* 277

Loh, C.K., with Jonscher, A.K., *Poole–Frenkel conduction in high alternating electric fields* 1341

Loly, P.D., *The Heisenberg ferromagnet in the selfconsistently renormalized spin wave approximation* 1365

Lovesey, S.W., *Density fluctuations in classical monatomic liquids* 3057

Lowndes, R.P., *Anharmonicity in the alkaline earth fluorides* 3083

Lucas, A., with Schmit, J., *On the ion electronic polarizabilities in a class of noncubic AB_2 halide crystals* 746

Ludlow, I.K., *The application of group theory to perturbative measurements on colour centres* 944

Lukes, T., with Morgan, D.J., and Joshua, S., *Calculation of periodic lattice Green functions, with applications to impurity levels in semiconductors* 2623

Lukes, T., with Nix, B., and Rogers, B.A., *The potential distribution in amorphous semiconductors* L246

Lundqvist, B.I., with Hedin, L., *Explicit local exchange-correlation potentials* 2064

Lung, P.W.Y., *Faraday rotation of rare earths in crystals* 820

McCausland, M.A.H., with Bowden, G.J., and Bunbury, D.St.P., *Crystal field and magnetic anistropy in the molecular field approximation: I. General considerations* 1840

McKenzie, D.R., with Pryor, A.W., *Lattice dynamics of urea* 2304

Maguire, H.G., with Augustus, P.D., *The influence of the band structure on the Auger electron spectrum of silicon* L174

Mahdjuri, F., with Gobrecht, H., and Gawlik, D., *Electrical properties of liquid selenium up to 1300 K* 2247

Mahendra, A., with Khan, D.C., *Magnetic scattering of neutrons by several unfilled shells configurations* 3307

Maiden, A.J., with Angress, J.F., *Electric field-induced changes in the two-phonon infrared absorption spectrum of diamond* 235

Malozemoff, A.P., with Elliott, R.J., Gehring, G.A., Smith, S.R.P., Staude, W.S., and Tyte, R.N., *Theory of co-operative Jahn–Teller distortions in $DyVO_4$ and $TbVO_4$* L179

Mande, C., with Pimpale, A., *Influence of plasmons on Compton scattering* 2593

Manninen, S., with Inkinen, O., and Halonen, V., *X ray Compton profile of LiCl* L366

Mansfield, P., *Symmetrized pulse sequences in high resolution nmr in solids* 1444

Mansfield, P., with Grannell, P.K., *Improved resolution of small resonance shifts of* *dilute nuclear spin systems in solids by pulsed double resonance* L197

Mansfield, R., *Magnetic freeze-out in n type indium antimonide* 2084

Marcelja, S., *Resistivity of antoferromagnets above the Néel temperature* L26

March, N.H., with Care, C.M., *Electrical conduction in the Wigner lattice in n type InSb in a magnetic field* L372

March, N. H., with Stoddart, J.C., and Rousseau, J.S., *Partition function of a disordered system* L59

Martin, D.M., with Ellis, C.J., Leask, M.J.M., and Wells, M.R., *Magnetic interactions in antiferromagnetic* $DyPO_4$ 2937

Martin, T.P., *Calculated infrared absorption induced by impurities in CsCl and CsI* 2269

Martinov, N.K., *Excitonic spectrum of a nonequilibrium electronic solid state plasma* 998

Mathur, S.C., with Singh, J., and Singh, D.C., *Tight binding energy band structure calculations for phthalocyanines: I. β-hydrogen phthalocyanine* 3122

Mattheiss, L.F., with Heine, V., *Metal–insulator transition in transition metal oxides* L191

Matthew, J.A.D., with Green, B., *Pseudopotentials for core electrons in ionic crystals* L101

Mears, A.L., with Stradling, R.A., *Cyclotron resonance and Hall measurements on the hole carriers in GaAs* L22

Mellish, R.G., with Allwood, R.L., Dennis, R.B., Smith, S.D., Wherrett, B.S., and Wood, R.A., *Spin flip Raman scattering of harmonically generated 5·3 μm radiation* L126

Melville, P.H., *Theory of ac loss in type II semiconductors in the Meissner state* 2833

Michiels, L., with Liekens, W., and De Bock, A., *On the attenuation of 9·4 GHz longitudinal hypersonic waves in some trigonal crystals* 1124

Michiels, L., with Liekens, W., and De Bock, A., *Attenuation of longitudinal hypersonic waves in Z-cut quartz* L308

Mika, K., with Page, D.I., *The partial structure factors of molten cuprous chloride from neutron diffraction measurements* 3034

Misell, D.L., with Atkins, A.J., *An attempt to observe the double plasmon loss by electron spectroscopy* L81

Misell, D.L., with Childs, P.A., *On the calculation of electron scattering factors from free atom formulation* L158

Misell, D.L., with Crick, R.A., *The energy loss of fast electrons in evaporated amorphous films of germanium for the spectral region 2–50 eV* 1591

Mobsby, C.D., with Nicklin, R., Lidgard, G., and Hart, P. B., *Efficient yellow luminescence from vapour grown gallium phosphide with high nitrogen content* L344

Modinos, A., with Nicolaou, N., *A method for the evaluation of tunnelling probabilities through a slowly varying potential barrier containing potential holes* 2875

Modinos, A., with Nicolaou, N., *Field emission from tungsten covered with germanium layers of atomic thickness* 2859

Modinos, A., with Theophilou, A., *Effect of atomic cores on electron tunnelling through dielectric layers* 338

Morgan, D.J., with Lukes, T., and Joshua, S., *Calculation of periodic lattice Green functions, with applications to impurity levels in semiconductors* 2623

Munn, R.W., with Barron, T.H.K., and Gibbons, T.G., *Thermodynamics of internal strain in perfect crystals* 2805

Murthy, C.S.N., with Murti, Y.V.G.S., *Schottky defect energies in CsCl structure type crystals* 1108

Murthy, K.R.N., with Murti, Y.V.G.S., and Ramasastry, C., *Thermoluminescence of x ray irradiated KBr and KBr:Cu crystals* 1606

Murti, Y.V.G.S., with Murthy, C.S.N., *Schottky defect energies in CsCl structure type crystals* 1108

Murti, Y.V.G.S., with Murthy, K.R.N., and Ramasastry, C., *Thermoluminescence of x ray irradiated KBr and KBr:Cu crystals* 1606

Murty, C.R.K., with Chakrapani, G., and Satyanandam, G., *Determination of the asymmetry parameter of the electric field gradient of* ^{35}*Cl resonances in mercuric chloride* 1898

Murty, C.R.K., with Sasikala, D., *Nuclear quadrupole resonance Zeeman spectra of chlorine in 3,4-dichloronitrobenzene* 3322

Mycielski, J., with Ginter, J., *Symmetry properties of the localized potentials in the electron–phonon interaction* 1540

Nag, B.R., with Basu, P.K., *High-field Hall mobility of n type silicon including the effect of magnetic field on the carrier distribution function* 44

Najafabadi, B.M., with Earney, J.J., and Finn, C.B.P., *Van Vleck temperature indepen-*

dent paramagnetism in some rare earth double nitrates 1013

Nakajima, T., *Thermoluminescence and colour centres in LiF crystals irradiated at room temperature* 1060

Nambi, K.S.V., with Higashimura, T., *New absorption bands in fluorites by heavy gamma irradiation* L134

Nanda, V.S., with Jain, S.C., *Equation of state and other associated properties of liquid argon and liquid methane* 3045

Nandwani, S.S., with Raj, D., and Puri, S.P., *Anharmonic contribution to the Mössbauer fraction of* ^{83}*Kr in solid krypton* 1929

Nathoo, M.H., with Jonscher, A.K., *High field and ac properties of stearic acid films* L301

Nazareno, H., with Carabelli, G., and Calais, J.-L., *Energy bands of hexagonal FeGe via the augmented plane wave method* 2052

Nelson, L.G., with Kolopus, J.L., Lewis, J.T., and Unruh, W.P., *The F centre in* MgF_2*: II. Optical absorption and epr* 3007

Nelson, L.G., with Unruh, W.P., Lewis, J.T., and Kolopus, J.L., *The F centre in* MgF_2*: I. Epr and Endor* 2992

Newman, D.H., with Clark, C.D., *V centres produced in KBr and KCl at 290 K by electron irradiation* 1130

Newman, D.H., with Clark, C.D., *Electron traps in deformed KCl* 1615

Newman, D.J., *Spectroscopic data and parameters* L185

Newman, D.J., with Bishton, S.S., Curtis, M.M., and Taylor, C.D., *Configuration interaction and lanthanide crystal fields* 3234

Newman, D.J., with Stedman, G.E., *Superexchange between* Ir^{4+} *ions in the hexachloroplatinates* 916

Newman, R.C., with Chambers, D.N., *Complexes of trigonal symmetry involving hydride ions paired with trivalent rare earth ions in calcium fluoride* 3015

Newman, R.C., with Chambers, D.N., *The localized vibrations of hydride ions paired with divalent rare earth impurities in calcium fluoride* 517

Newman, R.C., with Thompson, F., *The localized vibrations of nitrogen in gallium phosphide* L36

Newman, R.C., with Thompson, F., *Localized vibrational modes of light impurities in gallium phosphide* 3249

Nicholls, J.E., with Garlick, G.F.J., and Ozer, A.M., *Electron spin resonance of electron irradiated germanium dioxide* 2240

Nicklin, R., with Mobsby, C.D., Lidgard, G., and Hart, P.B., *Efficient yellow luminescence from vapour grown gallium phosphide with high nitrogen content* L344

Nicol, D.R., *Selection rules and symmetry for optical absorption spectra in praseodymium: lanthanum ethyl sulphate* 1885

Nicolaou, N., with Modinos, A., *A method for the evaluation of tunnelling probabilities through a slowly varying potential barrier containing potential holes* 2875

Nicolaou, N., with Modinos, A., *Field emission from tungsten covered with germanium layers of atomic thickness* 2859

Ninham, B.W., with Richmond, P., *A note on the extension of the Lifshitz theory of van der Waals forces to magnetic media* 1988

Ninham, B.W., with Sarkies, K.W., and Richmond, P., *Van der Waals forces and critical phenomena* L235

Nix, B., with Lukes, T., and Rogers, B.A., *The potential distribution in amorpous semiconductors* L246

Nogami, Y., with Bhaduri, R.K., and Ross, C.K., *Effect of three body force on the correlation energy of liquid* ^{4}*He* 2734

Norgett, M.J., *A Born model calculation of the energies of vacancies, ion interstitials and inert gas atoms in calcium fluoride* 298

Norgett, M.J., *A Born model calculation of the energies of vacancies, ion interstitials and inert gas atoms in strontium and barium fluorides* 1284

Norgett, M.J., *The electronic levels of the* F_1 *centre in MgO and CaO* 1289

Norris, C.A., with Clark, C.D., *Photoluminescence associated with the 1·673, 1·944 and 2·498 eV centres in diamond* 2223

Nozaki, H., with Yamaguchi, S., and Wada, H., *Anisotropy of the cubic* Fe_3S_4 *induced in an electrostatic field* L172

Nozieres, P., with Caroli, C., Combescot, P., and Saint-James, D., *Direct calculation of the tunnelling current* 884

Nozieres, P., with Caroli, C., Combescot, R., Lederer, D., and Saint-James, D., *A direct calculation of the tunnelling current: II. Free electron description* 2598

O'Brien, M.C.M., *The Jahn–Teller effect in p state equally coupled to* E_{2g} *and* T_{2g} *vibrations* 2524

O'Brien, M.C.M., with Harmer, A.L., and Hayes, W., *Stark effect of the* F^- *centre in CaO* L108

Oitmaa, J., *High temperature series expansions for a lattice model of critical behaviour in multicomponent systems* 2466

Osborne, C.F., *Generalized spin susceptibility in the correlated narrow energy band model—ferromagnetic phase* 757

Osborne, C.F., *Spin waves in a dilute Heisenberg antiferromagnet* 2929

Osborne, C.F., *Surface spin waves in an anistropic Heisenberg antiferromagnet* 2354

Owen, J., with Freund, P., and Hann, B.F., *Transferred hyperfine interactions for* Mn^{2+} *in MgO* L296

Owen, J., with Smith, S.R.P., *Epr measurements on exchange-coupled pairs of* V^{2+} *ions in* $KMgF_3$ 1399

Ozer, A.M., with Garlick, G.F.J., and Nicholls, J.E., *Electron spin resonance of electron irradiated germanium dioxide* 2240

Page, D.I., with Eglstaff, P.A., and Heard, C.R.T., *Experimental study of the triplet correlation function for simple liquids* 1453

Page, D.I., with Mika, K., *The partial structure factors of molten cuprous chloride from neutron diffraction measurements* 3034

Paige, E.G.S., with Fawcett, W., *Negative differential mobility of electrons in germanium: A Monte Carlo calculation of the distribution function, drift velocity and carrier population in the (111) and (100) minima* 1801

Palin, C.J., with Vinen, W.F., Pike, E.R., and Vaughan, J.M., *Rayleigh and Brillouin scattering from superfluid* ^3He–^4He *mixtures* L225

Pantelis, P., with Allnatt, A.R., and Sime, S.J., *The electrical conductivity of crystalline sodium chloride* 1778

Parada, N.J., with Ferreira, L.G., *Form factors and moments of Wannier function distributions in the nearly free electron limit* 15

Parker, I.H., Cu^{2+} *in ammonium fluoride—a tetrahedral site* 2967

Parkinson, J.B., *Theory of two-magnon Raman scattering in the spin-flop phase of antiferromagnets* 498

Parpia, D.Y., with Smith, B.L., *Temperature and density dependence of the Lorentz–Lorenz function of fluid xenon near the critical region* 2254

Parry, W.E., with Wood, C., *Optical absorption in metals and semiconductors. Relaxation and finite hole mass effects* 1387

Parry-Jones, G., with Daycock, J.T., *Spin temperature treatment of a cross relaxation in low fields* 765

Passeggi, M.C.G., with Buch, T., *Covalency and orbit–lattice coupling* 1207

Pastori-Parravicini, G., with Resca, L., *Symmetry analysis and electronic states in cubic ice* L314

Pathak, P.D., with Trivedi, J.M., *Debye* θ *of some alkali halides by x ray differaction and the law of corresponding states* L219

Patil, S.G., with Tredgold, R.H., *Hopping conduction in gallium sulphide single crystals* 3199

Peckham, G., with Devine, S., *Group theoretical selection for inelastic neutron scattering with applications to* $LiNbO_3$ 1091

Peckham, G.E., with Saunderson, D.H., *The lattice dynamics of calcium oxide* 2009

Pendry, J.B., *The cancellation theorem in pseudopotential theory* 427

Pendry, J.B., *Ion core scattering and low energy electron diffraction: I* 2501

Pendry, J.B., *Ion core scattering and low energy electron diffraction: II* 2514

Pendry, J.B., *Fast perturbation schemes for low energy electron diffraction spectra* 3095

Pfeuty, P., with Elliott, R.J., *The Ising model with a transverse field: II. Ground state properties* 2370

Piacentini, M., with Balzarotti, A., Burattini, E., and Picozzi, P., *Electroreflectance and band structure of gallium selenide* L273

Picozzi, P., with Balzarroti, A., Piacentini, M., and Burattini, E., *Electroreflectance and band structure of gallium selenide* L273

Pigg, J.C., with Sonder, E., *F centre production by ultraviolet light in LiF* L67

Pike, E.R., with Palin, C.J., Vinen, W.F., and Vaughan, J.M., *Rayleigh and Brillouin scattering from superfluid* ^3He–^4He *mixtures* L225

Pike, E.R., with Vaughan, J.M., *High frequency depolarized light scattering from liquid helium I and helium gas* L362

Pimpale, A., with Mande, C., *Influence of plasmons on Compton scattering* 2593

Pippard, A.B., with Delaney, J.A., *Coupled mechanical and helicon oscillations* 435

Pirie, J.D., with Reid, J.S., and Smith, T., *Lowest-order anharmonic thermal scattering of x rays* 289

Pitt, G.D., with Fletcher, K., *Intervalley scattering in n type Ge from a Hall effect experiment to high pressures* 1822

Plakida, N.M., *Phonons in anharmonic metals* 1680

du Plessis, P.de.V., *The paramagnetic susceptibility of the ferrite* FeV_2O_4 2919

du Plessis, P.de.V., with van Tonder, S.J., and Alberts, L., *Elastic constants of a NiO single crystal: I* 1983
du Plessis, P.de.V., with van Tonder, S.J., and Alberts, L., *Magnetostriction of a NiO single crystal: II* 2565
Pooley, D., with Hughes, A.E., *High dose proton irradiation of alkali halides* 1963
Portal, J.C., with Leotin, J., Askenazy, S., Stradling, R.A., Eaves, L., and Ulmet, J.P., *The magnetophonon effect in epitaxial films of n type InP* L42
Powell, B.M., with Sandor, E., *The thermal diffuse scattering of x rays and molecular dynamics of hexamethylenetetramine* 23
Pratt, G.W.Jr, with Ferreira, L.G., *Formulation of the lattice dynamics problem in terms of rigidly moving Wannier functions II: electrophonon interaction* 20
Price, D.H.R., *Acoustic attenuation in II–VI compounds at microwave frequencies* 966
Pryor, A.W., with McKenzie, D.R., *Lattice dynamics of urea* 2304
Puri, S.P., with Nandwani, S.S., and Raj, D., *Anharmonic contribution to the Mossbauer fraction of* ^{83}*Kr in solid krypton* 1929
Puri, S.P., with Vishwamittar, and Taneja, S.P., *Thermal and magnetic properties of* Pr^{3+} *and* Er^{3+} *ions in a crystal field with* C_{3h} *site symmetry* 1692
Pursey, H., *Dispersion of optical coefficients in semiconductors* L223
van Putte, K., with van den Enden, J., *Note on the reorientation process in solid ethylene* L161

Rahman, H.U., *The spectrum and magnetism of* $[V(urea)_6]^{3+}$ 3301
Rahman, H.U., with Runciman, W.A., *Energy levels and g values of vanadium corundum* 1576
Raj, D., with Nandwani, S.S., and Puri, S.P., *Anharmonic contribution to the Mossbauer fraction of* ^{83}*Kr in solid krypton* 1929
Ramakanth, A., *Effect of crystal rotation on quadrupolar* T_1 223
Ramasastry, C., with Murti, Y.V.G.S., and Murty, K.R.N., *Thermoluminescence of x ray irradiated KBr and KBr:Cu crystals* 1606
Ramaseshan, S., with Ramesh, T.G., *Partial structure factors in a liquid or amorphous binary system using anomalous scattering* 3029
Ramesh, T.G., with Ramaseshan, S., *Partial structure factors in a liquid or amorphous binary system using anomalous scattering* 3029
Rao, K.R., with Dasannacharya, B.A., and Yip, S., *Multiple scattering of neutrons in liquid methane* 2725
Raoult, G., with Gavaix, A., Vasson, A., and Vasson, A.M., *Effect of* Fe^{2+} *on electron spin relaxation for one transition of* Fe^{3+} *in corundum* 3297
Rapaport, D.C., *On the Ising model with impurities* L322
Rapaport, D.C., with Domb, C., *The smoothness postulate and the Ising antiferromagnet* 2684
Raunio, G., with Rolandson, S., *Lattice dynamics of RbBr* 958
Reed, K., with Hughes, D.G., *Orientation dependence of the* ^{23}*Na nuclear quadrupole spin lattice relaxation in sodium nitrate* 2945
Rees, G.J., *Landau–Coulomb levels in a degenerate band* 2822
Reid, J.S., with Pirie, J., and Smith, T., *Lowest order anharmonic thermal scattering of x rays* 289
Reimann, P.L., with Walton, A.K., and Everett, C.R., *The influence of uniaxial stress on the infrared free carrier Faraday effect in n type silicon and germanium* 201
Resca, L., with Pastori-Parravicini, G., *Symmetry analysis and electronic states in cubic ice* L314
Richards, J., with Bryce, P., and Kelly, J.C., *The electrostatic deflection of sputtered ions by the incident sputtering beam* L263
Richardson, D., *The composition dependence of energy bands in mixed semiconductor systems with zincblende structures* L289
Richardson, D., *Calculation of the charge distribution in zincblende alloy systems* L335
Richardson, D., with Hill, R., *A comparison of the EPM and DM methods for calculations in mixed zincblende alloys* L339
Richardson, D., with Vinsome, P.K.W., *The dielectric function in zincblende semiconductors* 2650
Richardson, D., with Vinsome, P.K.W., *The charge density in zincblende semiconductors* 3177
Richmond, P., with Ninham, B.W., *A note on the extension of the Lifshitz theory of van der Waals forces to magnetic media* 1988
Richmond, P., with Sarkies, K.W., and Ninham, B.W., *Van der Waals forces and critical phenomena* L235
Richter, J., with Tuama, S.S.O., *The effect of mechanical loading on the electrical*

performance of an acoustoelectric osillator 971

Ridley, B.K., *A theory of nonlinear acoustic waves in a piezoelectric semiconductor* 783

Rimmer, D.E., with Dalton, N.W., and Wood, D.W., *The high temperature susceptibility of the anisotropic Heisenberg model* L4

Ripley, L.J., with Horwood, J.L., Tremblay, R., and Townsend, M.G., *Metal–semiconductor transition in single crystal hexagonal nickel sulphide* 598

Roberts, A.P., *General dispersion relation identities for electron states in crystals* 2408

Roberts, G.G., *Electrical conduction in single crystal trigonal selenium* 1348

Roberts, G.G., with Zallen, R., *Quenching of photoconductivity and luminescence in natural crystals of mercury sulphide* 1890

Roberts, G.G., *Thermally assisted tunnelling and pseudointrinsic conduction: Two mechanisms to explain the Meyer–Neldel rule* 3167

Robinson, W.H., with Collins, M.A., Devine, S.D., and Hoffman, R.A., *Ultrasonically modulated electron resonance* L116

Rodger, K.S., with Jonscher, A.K., *Space charge waves in solids* 194

Rogers, B.A., with Lukes, T., and Nix, B., *The potential distribution in amorphous semiconductors* L246

Rolandson, S., with Raunio, G., *Lattice dynamics of RbBr* 958

Rose, B.F., *Polarized optical bleaching of the irradiation-induced 443 nm band in cubic* β-PbF_2 L91

Rosenbloom, M., with Teale, R.W., *Ferromagnetic resonance in cobalt doped magnesium and manganese ferrites* 537

Ross, C.K., with Bhaduri, R.K., and Nogami, Y., *Effect of three body force on the correlation energy of liquid* ^4He 2734

Ross, M., with Scholfield, P., *Diffusion coefficients of the inverse twelfth power repulsive potentials* L305

Rossiter, P.L., with Wells, P., *The dependence of the electrical resistivity on short-range order* 354

Rousseau, J.S., *The Dirac and t matrices for spherically symmetric potentials* L351

Rousseau, J.S., with Stoddart, J.C., and March, N.H., *Partition function of a disordered system* L59

Roy, D., with Ghosh, A.K., *Entropy of formation of vacancy pairs in alkali halides* 941

Runciman, W.A., with Rahman, H.U., *Energy levels and g values of vanadium corundum* 1576

Rushworth, F.A., with Brookeman, J.R., *A nuclear magnetic resonance investigation of solid 1,3,5-cycloheptatriene* 1903

Ryan, J.F., with Cowley, R.A., Coombs, G.J., Katiyar, R.S., and Scott, J.F., *Dielectric response in piezoelectric crystals* L203

Ryden, D.J., *A comparison between the transport properties of single crystal, polycrystal and powder anisotropic semiconductors* 1193

Sai, K.S.K., with Jain, S.C., and Lal, K., *Dielectric loss, optical spectra and electrical conductivity of lead doped alkali halides* 1958

Saint-James, D., with Caroli, C., Combescot, R., Lederer, D., and Nozieres, P., *A direct calculation of the tunnelling current: II. Free electron description* 2598

Saint-James, D., with Caroli, C., Combescot, R., and Nozieres, P., *Direct calculation of the tunnelling current* 884

Saint-James, D., with Jannink, G., and Caroli, B., *On the itinerant oscillator model of liquids and the behaviour of coupled harmonic oscillators in the presence of random forces* 545

Sampanthar, S., with Thornton, D.E., *Single site coherent potentials for cellular and structural disorder* L271

Sanchez, C., with Agullo-Lopez, F., *Radiation intensity dependence of the first stage F colouring in NaCl* 1660

Sandor, E., with Powell, B.M., *The thermal diffuse scattering of x rays and molecular dynamics of hexamethylenetetramine* 23

Sarginson, R., with Lettington, A.H., and Jones, D., *Thermoreflectance studies of thin epitaxially deposited (In Ga)P alloys* 1534

Sarkies, K.W., with Ninham, B.W., and Richmond, P., *Van der Waals forces and critical phenomena* L235

Sasikala, D., with Murty, C.R.K., *Nuclear quadrupole resonance Zeeman spectra of chlorine in 3,4-dichloronitrobenzene* 3322

Sastry, B.A., with Sastry, G.S., *Electron spin resonance studies on* Cu^{2+} *doped* $Na_2Zn(SO_4)_2.4H_2O$ L347

Satyanandam, G., with Chakrapani, G., and Murty, C.R.K., *Determination of the asymmetry parameter of the electric field gradient of* ^{35}Cl *resonances in mercuric chloride* 1898

Saunderson, D.H., with Batchelder, D.N., and

Haywood, B.C.G., *Temperature dependence of phonon frequencies in argon by inelastic neutron scattering* 870

Saunderson, D.H., with Peckham, G.E., *The lattice dynamics of calcium oxide* 2009

Sawa, G., with Calderwood, J.H., *Dependence of surface conduction current in oxidized polyethylene on electric field at various humidities* 2313

Sawatzky, G.A., with Coey, J.M.D., *A study of hyperfine interactions in the system* $(Fe_{1-x}Rh_x)_2O_3$ *using the Mössbauer effect* 2386

Schafer, W., with Will, G., *The magnetic structure of antiferromagnetic* $DyVO_4$ 811

Schafer, W., with Will, G., *Neutron diffraction study of antiferromagnetic* $DyAsO_4$ 3224

Schmit, J., with Lucas, A., *On the ion electronic polarizabilities in a class of noncubic* AB_2 *halide crystals* 746

Schneider, T., *Transverse collective excitations in charged systems: cross section for magnetic neutron scattering and diamagnetic susceptibility* 1168

Schofield, P., with Ross, M., *Diffusion coefficients for the inverse twelfth power repulsive potentials* L305

Scott, J.F., with Cowley, R.A., Coombs, G.J., Katiyar, R.S., and Ryan, J.F., *Dielectric response in piezoelectric crystals* L203

Sedaghat, A.K., with Cracknell, A.P., *The spin wave contribution to the specific heat of Gd* 3215

Sedgwick, D.F., with Champeney, D.C., *The molecular dynamics of solid cyclohexane by Mössbauer scattering* 2220

Seifert, F., with Leitner, E., *Investigation of the acoustoelectric excitation in n-InSb by 35 GHz helicon transmission* 1519

Semmens, A.G., with Cracknell, M.F., *On the temperature dependence of the sound attenuation maximum as a function of frequency near the Néel point in* MnF_2 1513

Shand, W.A., with Brown, M.R., *The excitation mechanisms of rare earth emissions in the thioindates* 83

Shand, W.A., with Cox, A.F.J., *The sensitization of rare earth photoluminescence in II–VI compounds: I:*Er^{3+} *in CdS:Ag* 2962

Shand, W.A., with Brown, M.R., Cox, A.F.J., and Williams, J.M., *A comparison of the photoluminescent and electroluminescent spectra of* Er^{3+} *in ZnSe* 1049

Shand, W.A., with Brown, M.R., Cox, A.F.J., and Williams, J.M., *Defect configuration for rare earth ions in zinc selenide* 2550

Sheard, F.W., with Toombs, G.A., *Use of the drone-fermion representation part I: thermodynamic properties of an interacting spin–phonon system* 313

Sherrington, D., *Auxiliary fields and linear response in Lagrangian many body theory* 401

Sherrington, D., *Microscopic considerations of long wavelength acoustic phonons in symmetry-induced zero gap semiconductors* 2771

Sherrington, D., *Secular relaxation of nuclear-like modes in hyperfine coupled spin systems* 625

Sherwood, J.N., with Collins, A.J., and Chadwick, A.V., *Ionic conductivity of crystalline potassium thiocyanate* 584

Shing, Y.H., with Buckmaster, H.A., and Chatterjee, R., *Comments on spin Hamiltonian hyperfine operators* L130

Shing, Y.H., with Buckmaster, H.A., and Chatterjee, R., *290 K spin Hamiltonian parameters for* Gd^{3+} *in lanthanum ethylsulphate at 5, 10 and 35 GHz* 832

Shively, J.E., with Heine, V., *A minimum perturbation pseudopotential in terms of phase shifts* L269

Sime, S.J., with Allnatt, A.R., and Pantelis, P., *The electrical conductivity of crystalline sodium chloride* 1778

Simmonds, P.E., with Chamberlain, J.M., Stradling, R.A., and Bradley, C.C., *Cyclotron resonance with expitaxial films of n type InP* L38

Simmons, R.O., with Kupperman, D.S., *Sound velocities in polycrystalline krypton* L5

Simons, S., *On the use of models for phonon collision operators* 2785

Simons, S., *The application of high frequency thermal propagation data to the measurement of phonon relaxation times* 2089

Simpson, A., with Stuckes, A.D., *The thermal conductivity of highly orientated pyrolytic boron nitride* 1710

Singh, D.C., with Mathur, S.C., and Singh, J., *Tight binding energy band structure calculations for phthalocyanines: I. β-hydrogen phthalocyanine* 3122

Singh, J., with Mathur, S.C., and Singh, D.C., *Tight binding energy band structure calculations for phthalocyanines: I. β-hydrogen phthalocyanine* 3122

Singh, R.D., with Srivastava, J.P., *Infrared lattice vibrational spectrum of* CaF_2 L47

Singh, R.K., with Verma, M.P., *Lattice dynamics of LiH, LiF and LiCl* 2749

Skapski, A.C., with Fletcher, S.R., and Keve, E.T., *Crystallographic studies of* *irradiation/field treated triglycine sulphate: a new structure form* L255

Slack, J.R., with Burfoot, J.C., *Electrical properties of flash evaporated ferroelectric $BaTiO_3$ thin films* 898

Slechta, J., *Interaction of Frenkel excitons with phonons in anthracene* 2024

Slechta, J., with Butcher, P.N., *Nonlinear acoustoelectric gain for many waves with random phases* 910

Smith, B.L., with Parpia, D.Y., *Temperature and density dependence of the Lorentz–Lorenz function of fluid xenon near the critical region* 2254

Smith, D.A., *On deviations from Matthiesen's Rule* L145

Smith, E.R., *Classical Heisenberg chain with randon interactions* 3205

Smith, J.H., with Vance, E.R., *Diffuse magnetic scattering of neutrons from polycrystalline MnF_2 at 4·2 K* L258

Smith, J.P., with Cooper, J.D., Woore, J., and Young, D.A., *Shubnikov–de Haas oscillations in neutron-irradiated graphite* 442

Smith, M.J.A., with Cheema, S.U., *Electron spin resonance of europium in silver chloride* 1231

Smith, P.H.S., with Hayes, W., *Paramagnetic resonance in ground and optically excited states of Tm^{2+} in alkaline earth fluorides* 840

Smith, P.V., with Khor, K.E., *Localization of electron states in two dimensional disordered potential arrays* 2029

Smith, P.V., with Khor, K.E., *Derivation of the band tailing in the Anderson model* 2041

Smith, S.D., with Allwood, R.L., Dennis, R.B., Mellish, R.G., Wherrett, B.S., and Wood, R.A., *Spin flip Raman scattering of harmonically generated 5·3 μm radiation* L126

Smith, S.D., with Dennis, R.B., Allwood, L., Wherrett, B.S., and Wood, R.A., *Increased tuning range of intense magneto spin-flip scattering of 10·6 μm radiation in InSb* L63

Smith, S.D., with Hafele, H.G., Grisar, R., Irslinger, C., Wachernig, H., Dennis, R.B., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation, coherence lengths, and second order susceptibilities near the band edge in InSb* 2637

Smith, S.R.P., with Elliott, R.J., and Young, A.P., *Acoustic anomalies in Jahn–Teller coupled systems* L317

Smith, S.R.P., with Elliott, R.J., Gehring, G.A., Malozemoff, A.P., Staude, W.S., and Tyte, R.N., *Theory of cooperative Jahn–Teller distortion in $DyVO_4$ and $TbVO_4$* L179

Smith, S.R.P., with Owen, J., *Epr measurements on exchange-coupled pairs of V^{2+} ions in $KMgF_3$* 1399

Smith, T., with Reid, J.S., and Piries, J., *Lowest-order anharmonic thermal scattering of x rays* 289

Smith, T.B., *Molecular motion in nmr—a model* 1437

Snyder, R.E., with Hughes, D.G., *Orientation dependence of the nuclear quadrupole relaxation in crystals* 227

Somerford, D.I., with Spear, W.E., *Investigation of the stress wave generated in CdS crystals by transient acoustoelectric interaction* 795

Somerford, D.J., *Electrical conductivity in n type InSb as a function of magnetic field at ^3He temperatures* 1570

Sonder, E., with Pigg, J.C., *F centre production by ultraviolet light in LiF* L67

Spear, W.E., with Somerford, D.I., *Investigation of the stress wave generated in CdS crystals by transient acoustoelectric interaction* 795

Srivastava, G.P., with Jain, A.K., *Microwave transmission through p type germanium* 364

Srivastava, J.P., with Singh, R.D., *Infrared lattice vibrational spectrum of CaF_2* L47

Staude, W.S., with Elliott, R.J., Gehring, G.A., Malozemoff, A.P., Smith, S.R.P., and Tyte, R.N., *Theory of cooperative Jahn–Teller distortions in $DyVO_4$ and $TbVO_4$* L179

Stedman, G.E., *Validity of the Weisskopf–Wigner linewidth–lifetime relation for spectral lines broadened by phonon interaction* 1022

Stedman, G.E., with Newman, D.J., *Superexchange between Ir^{4+} ions in the hexachloroplatinates* 916

Stevens, K.W.H., *Ion–lattice interactions in rare earth compounds* 2297

Stevens, K.W.H., with Bates, C.A., and Chandler, P.E., *Isomorphisms and the spin–phonon interaction for (3d) ions* 2017

Stevens, P.R.C., with Tinsley, A.W., *Analysis of electrical measurements of ion implanted layers in semiconductors* L150

Stevenson, R.W.H., with Holden, T.M., Buyers, W.J.L., Svensson, E.C., Cowley, R.A., Hutchings, M.T., and Hukin, D., *Excitations in $KCoF_3$: I. Experimental* 2127

Stinchcombe, R.B., *Zero point effects in nearly isotropic antiferromagnets* L79

Stoddart, J.C., with Rousseau, J.S., and March, N.H., *Partition function of a disordered system* L59

Stoll, E.P., with Waeber, W.A., *A similarity transformation of the Schrödinger equation and its application in pseudopotential theory* L97

Stoneham, A.M., with Larkins, F.P., *Lattice distortions near vacancies in diamond and silicon I* 143

Stoneham, A.M., with Larkins, F.P., *Lattice distortion near vacancies in diamond and silicon II* 154

Stradling, R.A., with Eaves, L., Askenazy, S., Leotin, J., Portal, J.C. and Ulmet, J.P., *The magnetophonon effect in epitaxial films of n type InP* L42

Stradling, R.A., with Mears, A.L., *Cyclotron resonance and Hall measurements on the hole carriers in GaAs* L22

Stradling, R.A., with Simmonds, P.E., Chamberlain, J.M. and Bradley, C.C., *Cyclotron resonance with epitaxial films of n type InP* L38

Strange, J.H., with Hoodless, I.M., and Wylde, L.E., *Selfdiffusion in single crystals of sodium iodide* 2737

Strange, J.H., with Hoodless, I.M., and Wylde, L.E., *Selfdiffusion studies in sodium iodide single crystals by nmr relaxation* 2742

Street, R., with Harding, G.L., and Lanchester, P.C., *The low temperature magnetic thermal expansion of* $CuCl_2.2H_2O$ 2923

Stroud, P.T., *Nucleation and critical condensation phenomena of silver on silicon oxide* 577

Stuckes, A.D., with Simpson, A., *The thermal conductivity of highly orientated pyrolytic boron nitride* 1710

Subramanyam, K.N., *Neutron and x ray diffraction studies of certain doped nickel ferrites* 2266

Sutton, J., with Ward, D., *Calibration of superconductor magnetization data* 1837

Svensson, E.C., with Buyers, W.J.L., Holden, T.M., Cowley, R.A., and Hutchings, M.T., *Excitations in* $KCoF_3$*: II. Theoretical* 2139

Svensson, E.C., with Holden, T.M., Buyers, W.J.L., Cowley, R.A., Hutchings, M.T., Hukin, D., and Stevenson, R.W.H., *Excitations in* $KCoF_3$*: I. Experimental* 2127

Symmons, H.F., *Divalent ions in alkali halides: II.* $NaCl:Mn^{2+}$ *evaluation of vacancy jump kinetics* 1945

Tabakova, V., with Kynev, K., *Effect of iodine anions on the spectral characteristics of tin-activated potassium chloride single crystals* 1069

Takeno, S., *Generalization of the coherent–potential approximation: I. Electronic structure of disordered alloys* L118

Takeno, S., *Generalization of the coherent–potential approximation: II. Electronic structure of amorphous solids, glassy solids and liquids* L121

Takeno, S., *Generalization of the coherent–potential approximation: III. Electronic structure of liquid metals* L123

Taneja, S.P., with Vishwamittar and Puri, S.P., *Thermal and magnetic properties of* Pr^{3+} *and* Er^{3+} *ions in a crystal field with* C_3 *site symmetry* 1692

Taylor, C.D., with Newman, D.J., Bishton, S.S., and Curtis, M.M., *Configuration interaction and lanthanide crystal fields* 3234

Taylor, P.L., with Gubernatis, J.E., *Special aspects of the electronic structure of a one dimensional random alloy* L94

Taylor, R.H., with Fisk, Z., and Coles, B.R., *Anomalous magnetic behaviour of gadolinium borides* L292

Taylor, R.I., with Cheetham, A.K., and Fender, B.E.F., *High temperature neutron diffraction study of* $Fe_{1-x}O$ 2160

Teale, R.W., with Rosenbloom, M., *Ferromagnetic resonance in cobalt doped magnesium and manganese ferrites* 537

Theophilou, A., with Modinos, A., *Effect of atomic cores on electron tunnelling through dielectric layers* 338

Thompson, B.V., *A note on the theory of Brillouin scattering in molecular crystals* L61

Thompson, F., with Newman, R.C., *The localized vibrations of nitrogen in gallium phosphide* L36

Thompson, F., with Newman, R.C., *Localized vibrational modes of light impurities in gallium phosphide* 3249

Thompson, K., with Hall, H.E. and Black, M.A., *The viscosity of liquid helium 3* 129

Thornton, D.E., with Sampanthar, S., *Single site coherent potentials for cellular and structural disorder* L271

Thouless, D.J., *Significance of the ensemble average of the Green function for a random system* L92

Thouless, D.J., with Edwards, J.T., *Regularity* *of the density of states in Anderson's localized electron model* 453

Tilley, D.R., with Walker, A.C., *The photon drag tensor in p type germanium* L376

Tinsley, A.W., with Stevens, P.R.C., *Analysis of electrical measurements of ion implanted layers in semiconductors* L150

To, K.C., with Henderson, B., *Transition energies of F^+ centres in alkaline earth oxides* L216

Tofield, B.C., with Fender, B.E.F., *The magnetic diffuse scattering of neutrons by isolated metal ions: Cr^{3+} in Al_2O_3* 1279

van Tonder, S.J., with du Plessis, P.de.V., and Alberts, L., *Elastic constants of a NiO single crystal: I* 1983

van Tonder, S.J., with du Plessis, P.de.V., and Alberts, L., *Magnetostriction of a NiO single crystal: II* 2565

Toombs, G.A., with Challis, L.J., *Kapitza conductance due to helium atoms interacting with a surface* 1085

Toombs, G.A., with Sheard, F.W., *Use of the drone-fermion representation part I: thermodynamics properties of an interacting spin–phonon system* 313

Totterdell, D.H.J., with Bryant, F.J., and Hagston, W.E., *Identification of edge and exciton emission centres in CdTe* 641

Toulouse, G., *Response to a suddenly switched localized spin perturbation* L140

Townsend, M.G., with Tremblay, R., Horwood, J.L. and Ripley, L.J., *Metal–semiconductor transition in single crystal hexagonal nickel sulphide* 598

Tredgold, T.H., with Patil, S.G., *Hopping conduction in gallium sulphide single crystals* 3199

Tremblay, R., with Townsend, M.G., Horwood, J.L., and Ripley, L.J., *Metal–semiconductor transition in single crystal hexagonal nickel sulphide* 598

Trivedi, J.M., with Pathak, P.D., *Debye θ of some alkali halides by x ray diffraction and the law of corresponding states* L219

Trodahl, H.J., *The Sondheimer size effect in indium single crystals* 1764

Tuama, S.S.O., with Richter, J., *The effects of mechanical loading on the electrical performance of an acoustoelectric oscillator* 971

Tucker, J.W., *Thermodynamic properties of a spin–phonon system* L266

Tucker, J.W., with Fidler, F.B., *Thermodynamic properties of a $S=1$ spin–phonon system: Specific heat of Fe^{2+} in MgO* 2583

Tyler, A., *Spin diffusion in liquid helium 3* 1479

Tyte, R.N., with Elliott, R.J., Gehring, G.A., Malozemoff, A.P., Smith, S.R.P., and Staude, W.S., *Theory of cooperative Jahn–Teller distortions in $DyVO_4$ and $TbVO_4$* L179

Ulmet, J.P., with Portal, J.C., Leotin, J., Askenazy, S., Stradling, R.A., and Eaves, L., *The magnetophonon effect in epitaxial films of n type InP* L42

Unruh, W.P., with Kolopus, J.L., Lewis, J.T., and Nelson, L.G., *The F centre in MgF_2: II. Optical absorption and epr* 3007

Unruh, W.P., with Nelson, L.G., Lewis, J.T., and Kolopus, J.L., *The F centre in MgF_2: I. Epr and Endor* 2992

Utriainen, J., with Aberg, T., *Two-electron jumps in the potassium $K\beta$ x ray spectrum* 1105

Utton, D.B., *An nmr study of ferrous fluosilicate* 117

Vance, E.R., *X ray study of neutron irradiated diamonds* 257

Vance, E.R., with Smith, J.H., *Diffuse magnetic scattering of neutrons from polycrystalline MnF_2 at 4·2 K* L258

Vasson, A., with Raoult, G., Gavaix, A., and Vasson, A.M., *Effect of Fe^{2+} on electron spin relaxation for one transition of Fe^{3+} in corundum* 3297

Vaughan, J.M., with Palin, C.J., Vinen, W.F., and Pike, E.R., *Rayleigh and Brillouin scattering from superfluid ^3He–^4He mixtures* L225

Vaughan, J.M., with Pike, E.R., *High frequency depolarized light scattering from liquid helium I and helium gas* L362

Velicky, B., with Bartos, I., *Surface Green function by matching* L104

Verma, M.P., with Lal, H.H., *On the evaluation of some useful lattice sums on ionic crystal structures* 1652

Verma, M.P., with Singh, R.K., *Lattice dynamics of LiH, LiF and LiCl* 2749

Vieira, S., with Hortal, M., *Anharmonic contribution to the entropy of solids. Analysis of KF* 1703

Vinen, W.F., *Light scattering by superfluid helium under pressure* L287

Vinen, W.F., with Palin, C.J., Pike, E.R., and Vaughan, J.M., *Rayleigh and Brillouin scattering from superfluid ^3He–^4He mixtures* L225

Vinsome, P.K.W., with Jaros, M., *The*

microscopic dielectric function and charge density in germanium 1360

Vinsome, P.K.W., with Richardson, D., *The dielectric function in zincblende semiconductors* 2650

Vinsome, P.K.W., with Richardson, D., *The charge density in zincblende semiconductors* 3177

Vinter, B., with Butcher, P.N., and Jorgensen, M.H., *On the mathematical formalism used in some recent papers on nonlinear acoustoelectric phenomena* 2319

Vishwamittar, with Taneja, S.P., and Puri, S.P., *Thermal and magnetic properties of* Pr^{3+} *and* Er^{3+} *ions in a crystal field with* C_{3h} *site symmetry* 1692

Vogl, G., with Kalus, J., Bonning, K., Wher, G., and Wenzl, H., *Stored energy release of solid argon after reactor irradiation at 4·6 K* 324

Wachernig, H., with Hafele, H.G., Grisar, R., Irslinger, C., Smith, S.D., Dennis, R.B., and Wherrett, B.S., *Magnetic field dependence of second harmonic generation, coherence lengths, and second order susceptibilities near the band edge in InSb* 2637

Wada, H., with Yamaguchi, S., and Nozaki, H., *Anisotropy of the cubic* Fe_3S_4 *induced in an electrostatic field* L172

Waeber, W.A., with Stoll, E.P., *A similarity transformation of the Schrödinger equation and its application in pseudopotential theory* L97

Walker, A.C., with Gibson, A.F., *Sign reversal of the photon drag effect in p type germanium* 2209

Walker, A.C., with Tilley, D.R., *The photon drag tensor in p type germanium* L376

Wall, W.A., with Karpick, J.T., and Di Bartolo, B., *Temperature dependence of the vibronic spectrum and fluorescence lifetime of* $YAG:Cr^{3+}$ 3258

Walton, A.K., with Reimann, P.L., and Everett, C.R., *The influence of uniaxial stress on the infrared free carrier Faraday effect in n type silicon and germanium* 201

Walton, A.K., with Williams, G.P., *Stress induced dichroism in n type germanium* 1601

Ward, D., with Sutton, J., *Calibration of superconductor magnetization data* 1837

Warren Blaker, J., with Harris, R., *The scattering of electrons from impurities in crystals* 569

Weger, M., with Goldberg, I.B., *The electronic band structure of* V_3Ga *and* V_3Si L188

Wehr, G., with Bonning, K., Kalus, J., Vogl, G. and Wenzl, H., *Stored energy release of solid argon after reactor irradiation at 4·6 K* 324

Weightman P., with Dugdale, D.E., and Holroyd, L.V., *An epr study of* Mn^{2+} *in single crystals of* BaO 3292

Wells, M.R., with Ellis, C.J., Leask, M.J.M., and Martin, D.M., *Magnetic interactions in antiferromagnetic* $DyPO_4$ 2937

Wells, P., with Rossiter, P.L., *The dependence of the electrical resistivity on short-range order* 354

Wenzl, H., with Wehr, G., Bonning, K., Kalus, J. and Vogl, G., *Stored energy release of solid argon after reactor irradiation at 4·6 K* 324

Wertz, J.E., with Blake, W.B.J., and Gitelson, H.A., *The* V_{OH} *centre in strontium oxide* L261

Wertz, J.E., with Hall, T.P.P., Dowsing, R.D., and Henderson, B., *An epr study of vacancy–impurity association in MgO* 107

Wharmby, D.O., with Gill, J.C., and Cox, S.F.J., *Evidence for paramagnetic spin–phonon coupling through modulation of isotropic exchange interaction* 371

Wherrett, B.S., with Allwood, R.L., Dennis, R.B., Mellish, R.G., Smith, S.D., and Wood, R.A., *Spin flip Raman scattering of harmonically generated 5·3 μm radiation* L126

Wherrett, B.S., with Hafele, H.G., Grisar, R., Irslinger, C., Wachernig, H., Smith, S.D., and Dennis, R.B., *Magnetic field dependence of second harmonic generation, coherence lengths, and second order susceptibilities near the band edge in InSb* 2637

Wherrett, B.S., with Smith, S.D., Denniss, R.B., Allwood, R.L., and Wood, R.A., *Increased tuning range of intense magneto spin–flip scattering of 10·6 μm radiation in InSb* L63

Whitcombe, A.R., *Comments upon the exact propagator for an electron in a uniform electric field* 1

White, R.M., *The role of spin fluctuations in metal–nonmetal transitions* L233

Wilkinson, G.R., with Dawson, P., and Hargreave, M.M., *The vibrational spectrum of zircon* ($ZrSiO_4$) 240

Wilkinson, G.R., with Katiyar, R.S., Dawson, P., and Hargreave, M.M., *Dynamics of the rutile structure: III. Lattice dynamics,* *infrared and Raman spectra of* SnO_2 2421

Will, G., with Schafer, W., *The magnetic structure of antiferromagnetic* $DyVO_4$ 811

Will, G., with Schafer, W., *Neutron diffraction study of antiferromagnetic* $DyAsO_4$ 3224

Williams, A.W.S., with Collins, A.T., *The nature of the acceptor centre in semiconducting diamond* 1789

Williams, G.P., with Walton, A.K., *Stress induced dichroism in n type germanium* 1601

Williams, J.M., with Brown, M.R., Cox, A.F.J., and Shand, W.A., *A comparison of the photoluminescent and electroluminescent spectra of* Er^{3+} *in ZnSe* 1049

Williams, J.M., with Brown, M.R., Cox, A.F.J., and Shand, W.A., *Defect configuration for rare earth ions in zinc selenide* 2550

Wilson, S., with Hill, R., *Discussion of possible mechanisms for the observed optically induced attenuation of longitudinal hypersound in germanium* 2799

Wilson, J.A., with Liang, W.Y., Acrivos, J.V., and Yoffe, A.D., *Optical studies of metal–semiconductor transmutations produced by intercalation* L18

Wilson, S., *Optically induced hypersonic attenuation in germanium* 2792

Wood, C., with Elliott, R.J., *The Ising model with a transverse field: I. High temperature expansion* 2359

Wood, C., with Parry, W.E., *Optical absorption in metals and semiconductors. Relaxation and finite hole mass effects* 1387

Wood, D.W., with Dalton, N.W., and Rimmer, D.E., *The high temperature susceptibility of the anisotropic Heisenberg model* L4

Wood, R.A., with Allwood, R.L., Dennis, R.B., Mellish, R.G., Smith, S.B., and Wherrett, B.S., *Spin flip Raman scattering of harmonically generated* $5{\cdot}3\ \mu m$ *radiation* L126

Wood, R.A., with Wherrett, B.S., Smith, S.D., Dennis, R.B., and Allwood, R.L., *Increased tuning range of intense magneto spin-flip scattering of* $10{\cdot}6\ \mu m$ *radiation in InSb* L63

Woodward, A.S., with Chatterjee, R., *Theoretical derivation of the higher order electron–nuclear interaction terms in the spin Hamiltonian for* d^3 *ions in cubic symmetry* 1378

Woore, J., with Smith, J.P., Cooper, J.D., and Young, D.A., *Shubnikov–de Haas oscillations in neutron-irradiated graphite* 442

Wray, E.M., with Allen, J.W., *Crystal field spectra of* $3d^n$ *impurities in zinc selenide* 512

Wylde, L.E., with Hoodless, I.M., and Strange, J.H., *Selfdiffusion in single crystals of sodium iodide* 2737

Wylde, L.E., with Hoodless, I.M., and Strange, J.H., *Selfdiffusion studies in sodium iodide single crystals by nmr relaxation* 2742

Wyllie, G., *Itinerant oscillator models and dielectric absorption in liquids* 564

Yamaguchi, S., with Wada, H., and Nozaki, H., *Anisotropy of the cubic* Fe_3S_4 *induced in an electrostatic field* L172

Yates, B., with Brade, R.M., *The low temperature heat capacity of thallous bromide* 417

Yates, B., with Brade, R.M., *The low temperature heat capacities of ferrous bromide and ferrous iodide* 876

Yates, B., with Cooper, R.F., *The thermal expansion of rubidium chloride at low temperatures* L113

Yip, S., with Rao, K.R., and Dasannacharya, B.A., *Multiple scattering of neutrons in liquid methane* 2725

Yndurain, F., *Density of states and barrier height of metal–Si contacts* 2849

Yoffe, A.D., with Wilson, J.A., Liang, W.Y., and Acrivos, J.V., *Optical studies of metal–semiconductor transmutations produced by intercalation* L18

Young, A.P., with Elliott, R.J., and Smith, S.R.P., *Acoustic anomalies in Jahn–Teller coupled systems* L317

Young, D.A., with Woore, J., Smith, J.P., and Cooper, J.D., *Shubnikov–de Haas oscillations in neutron-irradiated graphite* 442

Young, P.A., *Optical properties of vitreous arsenic trisulphide* 93

Young, R.C., *Magnetoresistence of linear networks of coupled orbits: I. Calculations for partial phase coherence* 458

Young, R.C., *Magnetoresistence of linear networks of coupled orbits: II. Large amplitude quantum oscillations* 474

Young, W., with Chan, K.Y., *Spin wave calculations in the t matrix approximation with many bands* 1855

Young, W. H., with Hones, W., *Density functional theory and the von Weizsacker method* 1322

Yuval, G., with Anderson, P.W., *Some numerical results on the Kondo problem and the inverse square one dimensional Ising model* 607

Zallen, R., with Roberts, G.G., *Quenching of photoconductivity and luminescence in natural crystals of mercury sulphide* 1890

Zappa, L., with Bisi, A., and Dupasquier, A., *Magnetic quenching of the long-living state of the positron in KCl containing F centres* L33

Zappa, L., with Bisi, A., and Dupasquier, A., *Evidence for positronium-like states in alkali halides* L311

Zappa, L., with Bertolaccini, M., Bisi, A., and Gambarini, G., *Positron states in ionic media* 734

Ziman, J.M., *Electron states in glassy semiconductors* 3129

Zimmerman, J., *The radiation-induced increase of the 100 °C thermoluminescence sensitivity of fired quartz* 3265

Zimmerman, J., *The radiation-induced increase of thermoluminescence sensitivity of the dosimetry phosphor LIF(TLD-100)* 3277

Zucker, I.J., with Barker, J.A., Klein, M.L., Bobetic, M.V., Doran, M.B., and Chell, G.G., *Three-body interactions and lattice sums in crystals* L355

Zucker, I.J., with Doran, M.B., *Higher order multipole three-body van der Waals interactions and stability of rare gas solids* 307

36

76

BOOK REVIEW INDEX

PAGE

Bartenev, G. M. *The structure and mechanical properties of inorganic glasses* . . . 126

Bollmann, W. *Crystal defects and crystalline interfaces* 1082

Ehreneich, H., Seitz, F., and Turnbull, D. (eds) *Solid State Physics–Advances in research applications* 1082

Erdmann, J. C. *Warmeleitung in kristallen, theoretische Grundlagen und fortgeschrittene experimentell Methoden* 1082

Eyring, H., and Jhon, M. S. *Significant liquid structures* 126

Galasso, F. S. *Structure and properties of inorganic solids* 127

Haidemenakis, E. D. *Optical properties of solids* 2240

Sugana, S., Tanabe, Y., and Kamimura, H. *Multiplets of transition metal ions in crystals* . 1644

JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 1971 No. 1

LETTERS

Application of the f-sum rule to the band edges of several semi-conductors . . . R. DALVEN L1
The high temperature susceptibility of the anisotropic Heisenberg model . . . D. E. RIMMER, N. W. DALTON, and D. W. Wood L4
Sound velocities in polycrystalline krypton . . . D. S. KUPPERMAN, and R. O. SIMMONS L6
Cyclotron resonance of the polaron in the alkali and silver halides III . . . J. W. HODBY L9
Orthorhombic iron centres in muscovite and phlogopite micas . . . R. C. KEMP L12
Green functions, surfaces and impurities . . . J. E. INGLESFIELD L14
Optical studies of metal–semiconductor transmutations produced by intercalation . . . J. V. ACRIVOS, W. Y. LIANG, J. A. WILSON and A. D. YOFFE L18
Nuclear spin lattice relaxation and stochastic isotropic translations of protons in elastomers and glycerol . . . R. LENK L21
Cyclotron resonance and Hall measurements on the hole carriers in GaAs . . . A. L. MEARS and R. A. STRADLING L22
Resistivity of antiferromagnets above the Néel temperature . . . S. MARČELJA L26

PAPERS

Comments upon the exact propagator for an electron in a uniform electric field A. R. WHITCOMBE 1
Formulation of the lattice dynamics problems in terms of rigidly moving Wannier functions . . . L. G. FERREIRA 3
Form factors and moments of Wannier function distributions in the nearly free electron limit . . . L. G. FERREIRA and N. J. PARADA 15
Formulation of the lattice dynamics problem in terms of rigidly moving Wannier functions II: electron–phonon interaction . . . L. G. FERREIRA and G. W. PRATT Jr. 20
The thermal diffuse scattering of x-rays and molecular dynamics of hexamethylenetetramine . . . B. M. POWELL and E. SANDOR 23
A natural form for large amplitude time-periodic acoustic travelling waves in piezoelectric semiconductors . . . P. N. BUTCHER 36
High-field Hall mobility of n-type silicon including the effect of magnetic field on the carrier distribution function . . . P. K. BASU and B. R. NAG 44
Magnetic domain structure of terbium single crystals W. D. CORNER and T. S. AL-BASSAM 47
Spin-correlation functions in the paramagnetic phase of a Heisenberg ferromagnet . J. HUBBARD 53
Spin dynamics in Tb studied by critical neutron scattering O. W. DIETRICH and J. ALS-NEILSEN 71
Magnetic relaxation in anisotropic magnets . . . P. A. LINGÅRD 80
The excitation mechanisms of rare earth emisions in the thioindates M. R. BROWN and W. A. SHAND 83
Optical properties of vitreous arsenic trisulphide . . . P A. YOUNG 93
An epr study of vacancy–impurity association in MgO . . . B. HENDERSON, J. E. WERTZ, T. P. P. HALL and R. D. DOWSING 107
An nmr study of ferrous fluosilicate . . . D. B. UTTON 117

BOOK REVIEWS . . . 126

CORRIGENDUM . . . 128

NOTES ON THE PREPARATION OF PAPERS

Papers will be considered for publication in the *Journal of Physics* series if they have not previously been published or submitted for publication elsewhere. They may be in English, French or German but an abstract in English must be provided. Papers should be submitted to The Institute of Physics and The Physical Society, Netherton House, 23/29 Marsh Street, Bristol BS1 4BP, England. The submission of papers is not restricted to Members of the Institute and Society.

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 1971 No. 2

LETTERS TO THE EDITOR

The correlation between the spins of the conduction electrons and that of a magnetic moment in a superconductor . . . B. G. S. Doman and T. Gavan L31

Magnetic quenching of the long-living state of the positron in KCl containing F-centres . . . A. Bisi, A. Dupasquier and L. Zappa L33

The localized vibrations of nitrogen in gallium phosphide . R. C. Newman and F. Thompson L36

Cyclotron resonance with epitaxial films of n-type InP . . . J. M. Chamberlain, P. E. Simmonds, R. A. Stradling and C. C. Bradley L38

The magnetophonon effect in epitaxial films of n-type InP . L. Eaves, R. A. Stradling, S. Askenazy, J. Leotin, J. C. Portal and J. P. Ulmet L42

Infrared lattice vibrational spectrum of CaF_2 . . . J. P. Srivastava and R. D. Singh L47

Comments on the derivation of band-tailing in disordered systems by maximization methods . . . K. E. Khor L50

PAPERS

The viscosity of liquid helium 3 . . M. A. Black, H. E. Hall and K. Thompson 129

Lattice distortion near vacancies in diamond and silicon–I . . . F. P. Larkins and A. M. Stoneham 143

Lattice distortion near vacancies in diamond and silicon–II . . . F. P. Larkins and A. M. Stoneham 154

Moment calculations in lattice dynamics II . . . C. Isenberg 164

The detection of longitudinal optic modes by the infrared reflection technique . . . M. M. Hargreave 174

Resonant polaron damping of de Haas–Van Alphen oscillations in polar semiconductors . . . P. G. Harper and M. Allegrini Arimondo 181

Remark on the existence of localized states . . . G. Lehmann 187

Influence of strain due to impurities on the electron mobility in silicon . . . O. P. Daga and W. S. Khokle 190

Space charge waves in solids . . . A. K. Jonscher and K. S. Rodger 194

The influence of uniaxial stress on the infrared free carrier Faraday effect in n-type silicon and germanium . . . A. K. Walton, P. L. Reimann and C. R. Everett 201

Effect of crystal rotation on quadrupolar T_1 . . . A. Ramakanth 223

Orientation dependence of the nuclear quadrupole relaxation in crystals . . . R. E. Snyder and D. G. Hughes 227

Electric field-induced changes in the two-phonon infrared absorption spectrum of diamond . . . J. F. Angress and A. J. Maiden 235

The vibrational spectrum of zircon ($ZrSiO_4$) . . . P. Dawson, M. M. Hargreave and G. R. Wilkinson 240

NOTES ON THE PREPARATION OF PAPERS

Papers will be considered for publication in the *Journal of Physics* series if they have not previously been published or submitted for publication elsewhere. They may be in English, French or German but an abstract in English must be provided. Papers should be submitted to The Institute of Physics and The Physical Society, Netherton House, 23/29 Marsh Street, Bristol BS1 4BP, England. The submission of papers is not restricted to Members of the Institute and Society.

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 1 March 1971 No. 3

LETTERS TO THE EDITOR

Lattice Green function for the anisotropic face centred cubic lattice . . G. S. Joyce L53
Narrow band solution to the Hubbard model . . . . W. D. Langer L56
Partition function of a disordered system : J. S. Rousseau, J. C. Stoddart and N. M. March L59
A note on the theory of Brillouin scattering in molecular crystals . . B. V. Thompson L61
Increased tuning range of intense magneto spin-flip scattering of 10·6 μm radiation in InSb . R. L. Allwood, R. B. Dennis, S. D. Smith, B. S. Wherrett and R. A. Wood L63
F centre production by ultraviolet light in LiF . . . J. C. Pigg and E. Sonder L67
A note on two methods of calculating the thermodynamic properties of the Heisenberg antiferromagnet . . . . E. A. G. Armour L69

PAPERS

X-ray study of neutron irradiated diamonds . . . . E. R. Vance 257
Potential of charge distributions in point charge lattices part I: The method . . . . R. D. Brown and B. W. N. Lo 263
Potential of charge distributions in point charge lattices part II: Applications . . . . R. D. Brown and B. W. N. Lo 277
Lowest-order anharmonic thermal scattering of x-rays J. D. Pirie, J. S. Reid and T. Smith 289
A Born model calculation of the energies of vacancies, ion interstitials and inert gas atoms in calcium fluoride . . . . M. J. Norgett 298
Higher order multipole three-body van der Waals interactions and stability of rare gas solids . . . . M. B. Doran and I. J. Zucker 307
Use of the drone–fermion representation part I: thermodynamic properties of an interacting spin–phonon system . . . . F. W. Sheard and G. A. Toombs 313
Stored energy release of solid argon after reactor irradiation at 4·6 K . . . . G. Wehr, K. Böning, J. Kalus, G. Vogl and H. Wenzl 324
Effects of neutron irradiation on strain-amplitude dependent internal friction in sodium chloride single crystals . . . . I. E. French and R. W. Harris 331
Effect of atomic cores on electron tunnelling through dielectric layers . . . . A. Modinos and A. Theophilou 338
The dependence of the electrical resistivity on short-range order . . . . P. L. Rossiter and P. Wells 354
Microwave transmission through p-type germanium . G. P. Srivastava and A. K. Jain 364
Evidence for paramagnetic spin–phonon coupling through modulation of isotropic exchange interactions . . . . . . S. F. J. Cox, J. C. Gill and D. O. Wharmby 371
Nuclear magnetic resonance spectra of rapidly-rotated solids containing reorienting molecular groups . . . . E. R. Andrew and A. Jasinski 391

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 29 March 1971 No. 4

LETTERS TO THE EDITOR

Derivation of the coherent potential approximation from the atomic limit in the disordered alloy problem . . . . F. DUCASTELLE L75

PAPERS

Auxiliary fields and linear response in Larangian many body theory . D. SHERRINGTON 401

The low temperature heat capacity of thallous bromide . R. M. BRADE and B. YATES 417

The cancellation theorem in pseudopotential theory . . . . . . J. B. PENDRY 427

Coupled mechanical and helicon oscillations . . J. A. DELANEY and A. B. PIPPARD 435

Shubnikov–de Haas oscillations in neutron–irradiated graphite . . . . J. D. COOPER, J. P. SMITH, J. WOORE and D. A. YOUNG 442

Regularity of the density of states in Anderson's localized electron model . . . . J. T. EDWARDS and D. J. THOULESS 453

Magnetoresistance of linear networks of coupled orbits I. Calculations for partial phase coherence . . . . R. C. YOUNG 458

Magnetoresistance of linear networks of coupled orbits II. Large amplitude quantum oscillations in tin . . . . R. C. YOUNG 474

Resonant reflection of sound from the surface of a paramagnet . . . E. M. IOLIN 492

Theory of two-magnon Raman scattering in the spin-flop phase of antiferromagnets . . . . J. B. PARKINSON 498

Crystal field spectra of 3d^n impurities in zinc selenide . . E. M. WRAY and J. W ALLEN 512

The localized vibrations of hydride ions paired with divalent rare-earth impurities in calcium fluoride . . . . . . D. N. CHAMBERS and R. C. NEWMAN 517

Ferromagnetic resonance in cobalt doped magnesium and manganese ferrites . . . . M. ROSENBLOOM and R. W. TEALE 537

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 15 April 1971 No. 5

LETTERS TO THE EDITOR

Zero point effects in nearly isotropic antiferromagnets . . R. B. Stinchcombe L79

An attempt to observe the double plasmon loss by electron spectroscopy
D. L. Misell and A. J. Atkins L81

Modified muffin tin potentials for the band structure of semiconductors . J. Keller L85

PAPERS

On the itinerant oscillator model of liquids and the behaviour of coupled harmonic oscillators in the presence of random forces B. Caroli, G. Jannink and D. Saint-james 545

Itinerant oscillator models and dielectric absorption in liquids . . . G. Wyllie 564

The scattering of electrons from impurities in crystals . J. Warren Blaker and R. Harris 569

Nucleation and critical condensation phenomena of silver on silicon oxide . P. T. Stroud 577

Ionic conductivity of crystalline potassium thiocyanate
A. V. Chadwick, A. J. Collins and J. N. Sherwood 584

The electrostatic image potential in metal–semiconductor junctions . . J. C. Inkson 591

Metal–semiconductor transition in single crystal hexagonal nickel sulphide
M. G. Townsend, R. Tremblay, J. L. Horwood and L. J. Ripley 598

Some numerical results on the Kondo problem and the inverse square one-dimensional Ising model P. W. Anderson and G. Yuval 607

Dynamical characteristics of a Heisenberg spin cluster
T. H. Kwon, J. Daboul and H. A. Gersch 621

Secular relaxation of nuclear-like modes in hyperfine coupled spin systems D. Sherrington 625

Identification of edge and exciton emission centres in CdTe
F. J. Bryant, D. H. J. Totterdell and W. E. Hagston 641

A temperature dependent hyperfine interaction in n-type silicon
D. E. Dugdale, S. D. Lacey and G. Lancaster 654

The hyperfine interactions of fluorine ions in the vicinity of Cr^{3+} and Cr^{+} in $KMgF_3$ part I: ^{19}F and ^{53}Cr ENDOR measurements . . J. J. Davies and K. Horai 502

The hyperfine interactions of fluorine ions in the vicinity of Cr^{3+} and Cr^{+} in $KMgF_3$ part II: Over-lap contributions to the second nearest fluorine interaction J. J. Davies and K. Horai 503

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PAGE

JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 30 April 1971 No. 6

LETTERS TO THE EDITOR

Cyclotron resonance of polarons in KI. Dependence of carrier temperature on chemical purity . . . . G. T. JENKIN, J. W. HODBY and U. GROSS L89

Polarized optical bleaching of the irradiation-induced 443 nm band in cubic β–PbF_2 . . . . B. F. ROSE L91

Significance of the ensemble average of the Green function for a random system D. J. THOULESS L92

Special aspects of the electronic structure of a one dimensional random alloy . . . . J. E. GUBERNATIS and P. L. TAYLOR L94

PAPERS

An electron diffraction study of solidified binary mixtures of nitrogen with argon, neon or xenon . . . . A. E. CURZON and M. J. EASTELL 689

Diffraction in crystals at high energies . . . . . . M. V. BERRY 697

The behaviour of Wannier excitons in very thin crystals G. JONES and J. L. BREBNER 723

Positron states in ionic media . M. BERTOLACCINI, A. BISI, G. GAMBARINI and L. ZAPPA 734

On the ion electronic polarizabilities in a class of noncubic AB_2 halide crystals . . . . J. SCHMIT and A. LUCAS 746

Generalized spin susceptibility in the correlated narrow energy band model—ferromagnetic phase . . . . C. F. OSBORNE 757

Spin temperature treatment of cross relaxation in low fields G. PARRY-JONES and J. T. DAYCOCK 765

NOTES ON THE PREPARATION OF PAPERS

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 28 May 1971 No. 7

LETTERS TO THE EDITOR

A similarity transformation of the Schrödinger equation and its application in pseudo potential theory . . . . W. A. WAEBER and E. P. STOLL L97

Pseudopotentials for core electrons in ionic crystals . J. A. D. MATTHEW and B. GREEN L101

Surface Green function by matching . . . . . . B. VELICKY and I. BARTOS L104

Are the localized states in a disordered solid singly occupied? . . . M. A. BALL L107

Stark effect of the F^+ centre in CaO . A. L. HARMER, W. HAYES and M. C. M. O'BRIEN L108

PAPERS

The density of states of the Anderson model of cellular disorder in the coherent potential approximation . . . . F. BROUERS 773

A theory of nonlinear acoustic waves in a piezoelectric semiconductor . . B. K. RIDLEY 783

Investigation of the stresswave generated in CdS crystals by transient acoustoelectric interaction . . . . D. J. SOMERFORD and W. E. SPEAR 795

Magnetic properties of assemblies of single domain elliptical platelets . . . . R. HEUBERGER and I. JOFFE 805

The magnetic structure of antiferromagnetic $DyVO_4$ . . . G. WILL and W. SCHAFER 811

Faraday rotation of rare earths in crystals . . . . . P. W. Y. LUNG 820

Absorption spectrum of 2-naphthoic acid: pure and mixed crystal . M. K. CHAUDHURI 827

290 K spin Hamiltonian parameters for Gd^{3+} in lanthanum ethylsulphate at 5, 10 and 35 GHz . . . . . . H. A. BUCKMASTER, R. CHATTERJEE and Y. H. SHING 832

Paramagnetic resonance in ground and optically excited states of Tm^{2+} in alkalin eearth fluorides . . . . W. HAYES and P. H. S. SMITH 840

CORRIGENDA 852

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 14 June 1971 No. 8

LETTERS TO THE EDITOR

The thermal expansion of rubidium chloride at low temperatures . . . . R. F. COOPER and B. YATES L113

Ultrasonically modulated electron resonance . . . M. A. COLLINS, S. D. DEVINE, R. A. HOFFMAN and W. H. ROBINSON L116

Generalization of the coherent-potential approximation. I Electronic structure of disordered alloys . . . . S. TAKENO L118

Generalization of the coherent-potential approximation. II Electronic structure of amorphous solids, glassy solids and liquids . . . . S. TAKENO L121

Generalization of the coherent-potential approximation. III Electronic structure of liquid metals . . . . S. TAKENO L123

Spin flip Raman scattering of harmonically generated 5·3 μm radiation . R. L. ALLWOOD, R. B. DENNIS, R. G. MELLISH, S. D. SMITH, B. S. WHERRETT and R. A. WOOD L126

Comments on spin Hamiltonian hyperfine operators . . . . H. A. BUCKMASTER, R. CHATTERJEE and Y. H. SHING L130

Comment on Marčelja's 'Resistivity of antiferromagnets above the Néel temperature' . . . . M. AUSLOOS and K. KAWASAKI L132

New absorption bands in flourites by heavy gamma irradiation . . . . K. S. V. NAMBI, and T. HIGASHIMURA L134

Asymmetric line shape of excitons localized in thin crystals . G. JONES and J. L. BREBNER L137

Response to a suddenly switched localized spin perturbation . . . . G. TOULOUSE L140

PAPERS

Mobility of a heavy impurity in ^{3}He and in ^{3}He–^{4}He mixtures . . R. M. BOWLEY 853

Temperature dependence of phonon frequencies in argon by inelastic neutron scattering . . . . . D. N. BATCHELDER, B. C. G. HAYWOOD and D. H. SAUNDERSON 870

The low temperature heat capacities of ferrous bromide and ferrous iodide . . . . R. M. BRADE and B. YATES 876

Direct calculation of the tunnelling current . . . . . . C. CAROLI, R. COMBESCOT, P. NOZIERES and D. SAINT-JAMES 884

Electrical properties of flash evaporated ferroelectric $BaTiO_3$ thin films . . . . J. R. SLACK and J. C. BURFOOT 898

Nonlinear acoustoelectric gain for many waves with random phases . . . . P. N. BUTCHER and J. SLECHTA 910

Superexchange between Ir^{4+} ions in the hexachloroplatinates . . . . . G. E. STEDMAN and D. J. NEWMAN 916

Computations involving two orders of the orbit lattice interaction . . . J. M. BAKER 930

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 28 June 1971 No. 9

LETTERS TO THE EDITOR

On deviations from Matthiesen's rule . . . . . . D. A. Smith L145

A justification of Hubbard's decoupling scheme . . . . . . D. K. Ghosh L147

Analysis of electrical measurements of ion implanted layers in semiconductors . . . . . P. R. C. Stevens and A. W. Tinsley L150

Resistive anomalies of antiferromagnets above the Néel point . D. J. W. Geldart L153

The angular dependence of strain broadened resonance lines . . . J. R. Fletcher L156

On the calculation of electron scattering factors from the free atom formulation . . . P. A. Childs and D. L. Misell L158

Note on the reorientation process in solid ethylene K. Van Putte and J. Van Den Enden L161

Structure factors and Compton profile for LiH calculated from selfconsistent local orbital wave functions . . . . . J. Felsteiner, R. Fox and S. Kahane L163

Bounds for the Hartree-Fock effective exchange interaction and the static dielectric constants . . . . . L. Dagens L165

The ground state energy, pressure and compressibility of solid ^{3}He at high pressures G. G. Chell L168

Anistropy of the cubic Fe$_3$S$_4$ induced in an electrostatic field . . . . . S. Yamaguchi, H. Wada and H. Nozaki L172

The influence of the band structure on the Auger electron spectrum of silicon . . . . . H. D. Maguire and P. D. Augustus L174

Theory of co-operative Jahn-Teller distortions in DyVO$_4$ and TbVO$_4$ . . . . . R. J. Elliott, G. A. Gehring, A. P. Malozemoff, S. R. P. Smith, W. S. Staude and R. N. Tyte L179

PAPERS

Entropy of formation of vacancy pairs in alkali halides . D. Roy and A. K. Ghosh 941

The application of group theory to perturbative measurements on colour centres I. K. Ludlow 944

Lattice dynamics of RbBr . . . . . S. Rolandson and G. Raunio 958

Acoustic attenuation in II–VI compounds at microwave frequencies . D. H. R. Price 966

The effects of mechanical loading on the electrical performance of an acoustoelectric oscillator . . . . . S. S. O. Tuama and J. Richter 971

Anharmonic contributions to the thermodynamic properties of sodium chloride E. R. Cowley 988

Excitonic spectrum of a nonequilibrium electronic solid state plasma . N. K. Martinov 998

Perturbation theory and chemical bonding in NaTl . . . . J. E. Inglesfield 1003

Van Vleck temperature independent paramagnetism in some rare earth double nitrates . . . . . J. J. Earney, C. B. P. Finn and B. M. Najafabadi 1013

Validity of the Weisskopf–Wigner linewidth–lifetime relation for spectral lines broadened by phonon interaction . . . . . G. E. Stedman 1022

Multiphonon selection rules for infrared absorption and Raman scattering in ferroelectric and paraelectric sodium nitrite . . . . . S. D. Devine 1036

A comparison of the photoluminescent and electroluminescent spectra of Er^{3+} in ZnSe . . . . . M. R. Brown, A. F. J. Cox, W. A. Shand and J. M. Williams 1049

Thermoluminescence and colour centres in LiF crystals irradiated at room temperature . . . . . T. Nakajima 1060

Effect of iodine anions on the spectral characteristics of tin-activated potassium chloride single crystals . . . . . K. Kynev and V. Tabakova 1069

Quantum tunnelling effects on nuclear magnetic resonance line width . . S. Clough 1075

BOOK REVIEWS 1082

CORRIGENDUM 1084

NOTES ON THE PREPARATION OF PAPERS

Papers will be considered for publication in the *Journal of Physics* series if they have not previously been published or submitted for publication elsewhere. They may be in English, French or German but title, abstract and figure captions in English must be provided. Papers should be submitted to The Institute of Physics, Netherton House, 23/29 Marsh Street, Bristol BS1 4BP, England. The submission of papers is not restricted to Members of the Institute and Society. There are no page charges to authors.

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 30 July 1971 No. 10

LETTERS TO THE EDITOR

Spectroscopic data and parameters . . . D. J. Newman L185
The electronic band structure of V$_3$Ga and V$_3$Si . . . I. B. Goldberg and M. Weger L188
Metal-insulator transition in transition metal oxides . . . V. Heine and L. F. Mattheiss L191
Spin waves in disordered antiferromagnets . . . R. C. Jones and S. F. Edwards L193
Improved resolution of small resonance shifts of dilute nuclear spin systems in solids by pulsed double resonance . . . P. Mansfield and P. K. Grannell L197
Reflectance spectra of alkaline earth fluorides in the vacuum ultraviolet . . . W. Hayes, A. B. Kunz and E. E. Koch L199
Dielectric response in piezoelectric crystals . . . R. A. Cowley, G. J. Coombs, R. S. Katiyar, J. F. Ryan and J. F. Scott L203
Mobility of an impurity in a Fermi liquid: analogy with a phase transition . . . R. M. Bowley L207
The polarization catastrophe in defect calculations in ionic crystals . . . I. D. Faux L211
Transition energies of F$^+$ centres in alkaline earth oxides . . . B. Henderson and K. C. To L216
Debye θ of some alkali halides by x ray diffraction and the law of corresponding states . . . P. D. Pathak and J. M. Trivedi L219
Proof of an energy gap in a model of amorphous Ge . . . V. Heine L221
Dispersion of optical coefficients in semiconductors . . . H. Pursey L223
Rayleigh and Brillouin scattering from superfluid ^{3}He–^{4}He mixtures . . . C. J. Palin, W. F. Vinen, E. R. Pike and J. M. Vaughan L225
The scaling laws for percolation processes . . . J. W. Essam and K. M. Gwilym L228

PAPERS

Kapitza conductance due to helium atoms interacting with a surface . . . G. A. Toombs and L. J. Challis 1085
Group theoretical selection rules for inelastic neutron scattering with applications to LiNbO$_3$ . . . S. Devine and G. Peckham 1091
Two-electron jumps in the potassium Kβ x ray spectrum . . . J. Utriainen and T. Åberg 1105
Schottky defect energies in CsCl structure type crystals . . . C. S. N. Murthy and Y. V. G. S. Murti 1108
New relations between elastic constants of different orders under central force interactions . . . C. S. G. Cousins 1117
On the attenuation of 9·4 GHz longitudinal hypersonic waves in some trigonal crystals . . . W. Liekens, L. Michiels and A. De Bock 1124
V centres produced in KBr and KCl at 290 K by electron irradiation . . . C. D. Clark and D. H. Newman 1130
Localized states in disordered systems . . . D. C. Herbert and R. Jones 1145
Ground states of shallow donors in silicon and germanium . . . M. Jaroš 1162
Transverse collective excitations in charged systems: cross section for magnetic neutron scattering and diamagnetic susceptibility . . . T. Schneider 1168
Spin–phonon interactions in compressible Ising magnet—II . . . B. S. Lee and H. C. Bolton 1178
A comparison between the transport properties of single crystal, polycrystal and powder anisotropic semiconductors . . . D. J. Ryden 1193
Covalency and orbit–lattice coupling . . . M. C. G. Passeggi and T. Buch 1207
Normal mode assignments in vitreous silica, germania and beryllium fluoride . . . R. J. Bell, P. Dean and D. C. Hibbins-Butler 1214
Modifications to the magnetic g tensor of a Pt$^+$ ion in ruby due to the Jahn–Teller effect . . . J. M. Dixon 1221
Electron spin resonance of europium in silver chloride . . . S. U. Cheema and M. J. A. Smith 1231
Paramagnetic resonance studies of V^{2+} and Cr^{3+} in orthorhombic symmetry sites in magnesium oxide . . . A. J. B. Codling and B. Henderson 1242
Paramagnetic resonance of VO^{2+}, Cr^{3+} and Fe^{3+} in zoisite . . . D. R. Hutton 1251
ENDOR and relaxation in systems with $I = S = \frac{1}{2}$: ^{169}Tm^{2+} and ^{171}Yb^{3+} in CaF$_2$ . . . J. M. Baker 1258

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 16 August 1971 No. 11

LETTERS TO THE EDITOR

The role of spin fluctuations in metal–nonmetal transitions . . . . . R. M. White L233

van der Waals forces and critical phenomena . . . . . K. W. Sarkies, B. W. Ninham and P. Richmond L235

Comment on 'narrow band solution to the Hubbard model' . . . . . J. A. Blackman and D. M. Esterling L238

Reorientation of trivalent cation–intersitial fluorine pair in CaF_2 . . . . . A. D. Franklin and J. Crissman L239

Screening of a charged impurity in a magnetic field II. Oscillatory terms . . . . . A. K. Das and J. E. Hebborn L242

The potential distribution in amorphous semiconductors . . . . . T. Lukes, B. Nix and B. A. Rogers L246

PAPERS

The scattering of atoms from surfaces: a model . J. L. Beeby and L. Dobrzynski 1269

The magnetic diffuse scattering of neutrons by isolated metal ions: Cr^{3+} in Al_20_3 . . . . . B. C. Tofield and B. E. F. Fender 1279

A Born model calculation of the energies of vacancies, ion interstitials and inert gas atoms in strontium and barium fluorides . . . . . M. J. Norgett 1284

The electronic levels of the F_t centre in MgO and CaO . . . . M. J. Norgett 1289

Optical phonons in MnO . . . . . B. C. Haywood and M. F. Collins 1299

The low temperature anharmonic attenuation of transverse hypersonic waves in anisotropic cubic crystals . . . . . P. J. King 1306

Density functional theory and the von Weizsäcker method . W. Jones and W. H. Young 1322

Energy losses in hopping conduction at high electric fields . . . . A. K. Jonscher 1331

Poole–Frenkel conduction in high alternating electric fields . A. K. Jonscher and C. K. Loh 1341

Electrical conduction in single crystal trigonal selenium . . . . . G. G. Roberts 1348

The microscopic dielectric function and charge density in germanium . . . . . P. K. W. Vinsome and M. Jaroš 1360

The Heisenberg ferromagnet in the selfconsistently renormaliced spin wave approximation . . . . . P. D. Loly 1365

Theoretical derivation of the higher order electron–nuclear interaction terms in the spin Hamiltonian for d^3 ions in cubic symmetry . . . A. S. Woodward and R. Chatterjee 1378

Optical absorption in metals and semiconductors. Relaxation and finite hole mass effects . . . . . C. Wood and W. E. Parry 1387

Epr measurements on exchange-coupled pairs of V^{2+} ions in $KMgF_3$ S. R. P. Smith and J. Owen 1399

Exchange interactions between V^{2+} ions in magnesium oxide . . . . . A. J. B. Codling and B. Henderson 1409

A recipe for calculating magnetic resonance line shapes . . . . . J. C. Gill 1420

Nuclear resonance of ^{27}Al in three rare earth aluminates from room temperature to 1·4 K . . . . . D. T. Edmonds and G. P. Gill 1426

Molecular motion in nmr—a model . . . . T. B. Smith 1437

Symmetrized pulse sequences in high resolution nmr in solids . . . . P. Mansfield 1444

NOTES ON THE PREPARATION OF PAPERS

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 31 August 1971 No. 12

LETTERS TO THE EDITOR

Effects of resonant states on the exchange interaction in alloys . . . . . E-N. Foo L251

PAPERS

Experimental study of the triplet correlation function for simple liquids . . . . . P. A. Egelstaff, D. I. Page and C. R. T. Heard 1453

Velocity autocorrelation function and diffusion coefficient in a liquid . . T. Gaskell 1466

Spin diffusion in liquid helium 3 . . . . A. Tyler 1479

Radiation damage in magnesium oxide I: Dose dependence of reactor damage . . . . . B. Henderson and D. H. Bowen 1487

Radiation damage in magnesium oxide II: Effect of pre-irradiation annealing in hydrogen . . . . . B. Henderson, D. H. Bowen, A. Briggs and R. D. King 1496

Magneto-optical properties of the Cd$^+$ ion in x irradiated alkali halides . . . . . J. H. Beaumont, W. Hayes and R. T. S. Laiho 1505

Exact evaluation of the body centred cubic lattice Green function . . G. S. Joyce 1510

On the temperature dependence of the sound attenuation maximum as a function of frequency near the Néel point in MnF_2 . . . . . . M. F. Cracknell and A. G. Semmens 1513

Investigation of the acoustoelectric excitation in n–InSb by 35 GHz helicon transmission . . . . . F. Seifert and E. Leitner 1519

Thermoreflectance studies of thin epitaxially deposited (InGa)P alloys . . . . . A. H. Lettington, D. Jones and R. Sarginson 1534

Symmetry properties of the localized potentials in the electron–phonon interaction . . . . . J. Ginter and J. Mycielski 1540

F-centre electronic energy levels: a pseudopotential calculation for NaCl . K. Krishan 1550

Excitations from the spin-density wave ground state . . . . . A. E. K. Dowson 1560

Electrical conductivity in n type InSb as a function of magnetic field at ^{3}He temperatures . . . . . D. J. Somerford 1570

Energy levels and g values of vanadium corundum . H. U. Rahman and W. A. Runciman 1576

The energy loss of fast electrons in evaporated amorphous films of germanium for the spectral region 2–50 eV . . . . . . D. L. Misell and R. A. Crick 1591

Stress induced dichroism in n type germanium . A. K. Walton and G. P. Williams 1601

Thermoluminescence of x ray irradiated KBr and KBr:Cu crystals . . . . . Y. V. G. S. Murti, K. R. N. Murthy and C. Ramasastry 1606

Electron traps in deformed KCl . . . . . C. D. Clark and D. H. Newman 1615

Interactions between certain ions in rare earth ethyl sulphates . . . . . R. J. Anderson, J. M. Baker and R. J. Birgeneau 1618

Interactions between rare earth ions in the ethyl sulphates . . . . . J. M. Baker 1631

BOOK REVIEWS 1644

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS
Vol. 4 17 September 1971 No. 13

LETTERS TO THE EDITOR

Crystallographic studies of irradiation/field treated triglycine sulphate: a new structure form . . . . S. R. Fletcher, A. C. Skapski and E. T. Keve L255

Diffuse magnetic scattering of neutrons from polycrystalline MnF$_2$ at 4·2K . . . . J. H. Smith and E. R. Vance L258

The V$_{OH}$ centre in strontium oxide . W. B. J. Blake, H. A. Gitelson and J. E. Wertz L261

The electrostatic deflection of sputtered ions by the incident sputtering beam . . . . P. Bryce, J. Richards and J. C. Kelly L263

Thermodynamic properties of a spin–phonon system . . . . J. W. Tucker L266

A minimum perturbation pseudopotential in terms of phase shifts . . . . V. Heine and J. E. Shively L269

Single site coherent potentials for cellular and structural disorder . . . . D. E. Thornton and S. Sampanthar L271

Electroreflectance and band structure of gallium selenide . . . . A. Balzarotti, M. Piacentini, E. Burattini and P. Picozzi L273

The effective mass and q dependent dielectric function of simple semiconductors D. Brust L278

Electric quadrupole interaction in cubic nitrogen . . . . . J. Felsteiner L281

Further comments on the shape dependent demagnetizing field in ferromagnetic resonance . . . . P. David and M. Heath L282

PAPERS

Mobility of an impurity in liquid helium II . . . . . R. M. Bowley 1645

On the evaluation of some useful lattice sums on ionic crystal structures . . . . M. P. Verma and H. H. Lal 1652

About the inversion of some matrices arising in the dynamics of crystal lattices with defects . . . . O. Litzman and M. Bartušek 1656

Radiation intensity dependence of the first stage F colouring in NaCl . . . . F. Agulló-López and C. Sanchez 1660

Theory of F centres in alkaline earth fluorides . . . . R. H. Bartram, A. L. Harmer and W. Hayes 1665

An electron gas model for the lattice dynamics of lanthanides . . . . S. S. Kushwaha and A. Kumar 1674

Phonons in anharmonic metals . . . . N. M. Plakida 1680

Thermal and magnetic properties of Pr^{3+} and Er^{3+} ions in a crystal field with C$_{3h}$ site symmetry . . . . Vishwamittar, S. P. Taneja and S. P. Puri 1692

Anharmonic contribution to the entropy of solids. Analysis of KF . S. Vieira and M. Hortal 1703

The thermal conductivity of highly orientated pyrolytic boron nitride . . . . A. Simpson and A. D. Stuckes 1710

Thermodynamical discussion of a linear approximation to the Fermi–Dirac distribution function . . . . L. F. Donà dalle Rose 1719

The effects of interrupted neutron irradiation on strain amplitude dependent internal friction in NaCl . . . . I. E. French 1725

Band theory of the quantum size effect for a simple model . . . . A. A. Cottey 1734

A numerical comparison of the APW and KKRZ methods of band structure calculation . . M. J. Lawrence 1737

The electronic structure of disordered systems: I. The density of states of the Anderson tight binding model . . . . M. A. Ball 1747

The ac conductivity of disordered systems . . . J. L. Beeby and T. M. Hayes 1757

The Sondheimer size effect in indium single crystals . . . . H. J. Trodahl 1764

The electrical conductivity of crystalline sodium chloride . . . . A. R. Allnatt, P. Pantelis and S. J. Sime 1778

The nature of the acceptor centre in semiconducting diamond . . . . A. T. Collins and A. W. S. Williams 1789

Negative differential mobility of electrons in germanium: A Monte Carlo calculation of the distribution function, drift velocity and carrier population in the $\langle 111 \rangle$ and $\langle 100 \rangle$ minima . . . . W. Fawcett and E. G. S. Paige 1801

Intervalley scattering in n type Ge from a Hall effect experiment to high pressures . . . . K. Fletcher and G. D. Pitt 1822

A simple derivation of the s–d exchange interaction . . . . U. Larsen 1835

Calibration of superconductor magnetization data . . . D. Ward and J. Sutton 1837

Crystal fields and magnetic anistropy in the molecular field approximation: I. General considerations . . . G. J. Bowden, D. St. P. Bunbury and M. A. H. McCausland 1840

Spin wave calculations in the t matrix approximation with many bands . . . . K. Y. Chan and W. Young 1855

Optical absorption by Cu–Mn pairs in KZnF$_3$ . . . . J. Ferguson, H. J. Guggenheim and E. R. Krausz 1866

Absorption intensities of molecular crystals . . . . L. A. Dissado 1874

Selection rules and symmetry for optical absorption spectra in praseodymium: lanthanum ethyl sulphate . . . . D. R. Nicol 1885

Quenching of photoconductivity and luminescence in natural crystals of mercury sulphide . . . . G. G. Roberts and R. Zallen 1890

Determination of the asymmetry parameter of the electric field gradient of ^{35}Cl resonances in mercuric chloride . . . G. Chakrapani, G. Satyanandam and C. R. K. Murty 1898

A nuclear magnetic resonance investigation of solid 1,3,5-cycloheptatriene . . . . J. R. Brookeman and F. A. Rushworth 1903

JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 7 October 1971 No. 14

LETTERS TO THE EDITOR

Light scattering by superfluid helium under pressure . . . . . . W. F. Vinen L287

The composition dependence of energy bands in mixed semiconductor systems with zincblende structures . . . . D. Richardson L289

Anomalous magnetic behaviour of gadolinium borides Z. Fisk, R. H. Taylor and B. R. Coles L292

Transferred hyperfine interactions for Mn^{2+} in MgO P. Freund, B. F. Hann and J. Owen L296

PAPERS

Statistical mechanical calculation of the surface properties of simple liquids I: The distribution function $g_{(1)}(z)$ . . . . . . C. A. Croxton and R. P. Ferrier 1909

Statistical mechanical calculation of surface properties of simple liquids II: The distribution function $\rho_{(2)}(z_1, r_{12})$ . . . . . . C. A. Croxton and R. P. Ferrier 1921

Anharmonic contribution to the Mössbauer fraction of ^{83}Kr in solid krypton . . . . S. S. Nandwani, D. Raj and S. P. Puri 1929

Isoelectronic impurities in semiconductors: a survey of binding mechanisms . J. W. Allen 1936

Divalent ions in alkali halides II· NaCl: Mn^{2+} evaluation of vacancy jump kinetics . . . . H. F. Symmons 1945

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High dose proton irradiation of alkali halides . . A. E. Hughes and D. Pooley 1963

The localized vibrations of Sr^{2+}–H^- and Ba^{2+}–H^- pairs in calcium fluoride . . . . D. N. Chambers 1977

Elastic constants of a NiO single crystal: I . . . . P. De V. Du Plessis, S. J. Van Tonder and L. Alberts 1983

A note on the extension of the Lifshitz theory of van der Waals forces to magnetic media . . . . P. Richmond and B. W. Ninham 1988

Lattice–lattice scaling and the generalized law of corresponding states . . . . D. D. Betts, A. J. Guttmann and G. S. Joyce 1994

The lattice dynamics of calcium oxide . . D. H. Saunderson and G. E. Peckham 2009

Isomorphisms and the spin–phonon interaction for $(3d)^n$ ions . . . . C. A. Bates, P. E. Chandler and K. W. H. Stevens 2017

Interaction of Frenkel excitons with phonons in anthracene . . . . J. Slechta 2024

Localization of electron states in two dimensional disordered potential arrays . . . . K. E. Khor and P. V. Smith 2029

Derivation of the band tailing in the Anderson model . K. E. Khor and P. V. Smith 2041

Energy bands of hexagonal FeGe via the augmented plane wave method H. Nazareno, G. Carabelli and J.-L. Calais 2052

Explicit local exchange–correlation potentials . . L. Hedin and B. I. Lundqvist 2064

Magnetic freeze-out in n type indium antimonide . . . . . . R. Mansfield 2084

The application of high frequency thermal propagation data to the measurement of phonon relaxation times . . . . S. Simons 2089

Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP . . . . G. D. Houston and H. C. Bolton 2097

A Green function theory of spin waves in randomly disordered magnetic systems I. The ferromagnet . S. F. Edwards and R. C. Jones 2109

Excitations in $KCoF_3$ I. Experimental . . . . T. M. Holden, W. J. L. Buyers, E. C. Svensson, R. A. Cowley, M. T. Hutchings, D. Hukin and R. W. H. Stevenson 2127

Excitations in $KCoF_3$ II. Theoretical . . . . W. J. L. Buyers, T. M. Holden, E. C. Svensson, R. A. Cowley and M. T. Hutchings 2139

High temperature neutron diffraction study of $Fe_{1-x}O$ . . . . A. K. Cheetham, B. E. F. Fender and R. I. Taylor 2160

A broken symmetry approach to metastability . . . . D. C. Herbert 2166

Proton spin–lattice relaxation due to tunnelling motions . . . . S. Clough 2180

Two phonon absorption in ferroelectric sodium nitrite . . . . . G. D. Holah 2191

Faraday effect in cubic semiconductors with nonquadratic energy surfaces . J. M. Brettell 2202

Sign reversal of the photon drag effect in p type germanium . A. F. Gibson and A. C. Walker 2209

The molecular dynamics of solid cyclohexane by Mössbauer scattering . . . . D. C. Champeney and D. F. Sedgwick 2220

Photoluminescence associated with the 1·673, 1·944 and 2·498 eV centres in diamond . . . . C. D. Clark and C. A. Norris 2223

Electron spin resonance of electron irradiated germanium dioxide . . . . G. F. J. Garlick, J. E. Nicholls and A. M. Ozer 2230

BOOK REVIEW 2240

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 28 October 1971 No. 15

LETTERS TO THE EDITOR

High field and ac properties of stearic acid films . . M. H. Nathoo and A. K. Jonscher L301
Diffusion coefficients for the inverse twelfth power repulsive potentials . . . M. Ross and P. Schofield L305
Attenuation of longitudinal hypersonic waves in Z-cut quartz . . . W. Liekens, L. Michiels and A. De Bock L308
Evidence for positronium-like states in alkali halides . . . A. Bisi, A. Dupasquier and L. Zappa L311
Symmetry analysis and electronic states in cubic ice . . . G. Pastori-Parravicini and L. Resca L314
Acoustic anomalies in Jahn–Teller coupled systems . . . R. J. Elliott, A. P. Young and S. R. P. Smith L317
On the Ising model with impurities . . . D. C. Rapaport L322

PAPERS

A note on linear response theory in a microcanonical ensemble . . . A. R. Bishop 2241
Electrical properties of liquid selenium up to 1300 K . . . H. Gobrecht, F. Mahdjuri and D. Gawlik 2247
Temperature and density dependence of the Lorentz–Lorenz function of fluid xenon near the critical region . . . D. Y. Parpia and B. L. Smith 2254
Line structure in the continuous x ray spectrum: a crystallographic approach in the kinematic approximation . . . J. A. Elliott 2258
Neutron and x ray diffraction studies of certain doped nickel ferrites . K. N. Subramanyam 2266
Calculated infrared absorption induced by impurities in CsCl and CsI . . T. P. Martin 2269
The ferromagnetic phase transition beyond the random phase approximation M. R. Bhagavan 2278
Ion–lattice interactions in rare earth compounds . . . K. W. H. Stevens 2297
Lattice dynamics of urea . . . D. R. McKenzie and A. W. Pryor 2304
Dependence of surface conduction current in oxidized polyethylene on electric field at various humidities . . . G. Sawa and J. H. Calderwood 2313
On the mathematical formalism used in some recent papers on nonlinear acoustoelectric phenomena . . . P. N. Butcher, M. H. Jørgensen and B. Vinter 2319
The influence of the Poley absorption on the inertial fall-off of the dielectric absorption . . . N. E. Hill 2322
The properties of exchange-coupled triads of Cr^{3+} ions in ruby C. A. Bates and R. F. Jasper 2330
The relaxation of exchange coupled triads in ruby . . C. A. Bates and R. F. Jasper 2341
Surface spin waves in an anisotropic Heisenberg antiferromagnet . . . C. F. Osborne 2354
The Ising model with a transverse field—I High temperature expansion R. J. Elliott and C. Wood 2359
The Ising model with a transverse field—II Ground state properties . . . P. Pfeuty and R. J. Elliott 2370
A study of hyperfine interactions in the system (Fe$_{1-x}$Rh$_x$)$_2$O$_3$ using the Mössbauer effect . . . J. M. D. Coey and G. A. Sawatzky 2386
General dispersion relation identities for electron states in crystals . . . A. P. Roberts 2408
Dynamics of the rutile structure III. Lattice dynamics, infrared and Raman spectra of SnO$_2$ . . . R. S. Katiyar, P. Dawson, M. M. Hargreave and G. R. Wilkinson 2421

CORRIGENDA 2432

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 18 November 1971 No. 16

LETTERS TO THE EDITOR

Cluster expansion for the dilute Ising ferromagnet . . . . . C. Domb L325
Integral equation approach to the exciton problem for intermediate binding . . . M. Altarelli and B. F. Bassani L328
A selfconsistent field theory of electron localization in disordered systems: the Anderson transition . . . K. F. Freed L331
Calculation of the charge distribution in zincblende alloy systems . . . D. Richardson L335
A comparison of the EPM and DM methods for calculations in mixed zincblende alloys . . . R. Hill and D. Richardson L339
Structural distortions in $MgCr_2O_4$ . . . N. W. Grimes L342
Efficient yellow luminescence from vapour grown gallium phosphide with nitrogen content high . . . R. Nicklin, C. D. Mobsby, G. Lidgard and P. B. Hart L344
Electron spin resonance studies on Cu^{2+} doped $Na_2Zn\ (SO_4)_2 . 4H_2O$ . . . B. A. Sastry and G. S. Sastry L347

PAPERS

Statistical mechanical calculation of the surface properties of simple liquids: III. Surface tension . . . C. A. Croxton and R. P. Ferrier 2433
Statistical mechanical calculation of surface properties of simple liquids: IV Molecular dynamics . . . C. A. Croxton and R. P. Ferrier 2447
A hydrodynamic approach to the roton-limited mobility of ions in liquid helium . . . C. S. M. Doake and P. W. F. Gribbon 2457
High temperature series expansions for a lattice model of critical behaviour in multicomponent systems . . . J. Oitmaa 2466
Metal–nonmetal transition in magnetic systems . . . R. Kishore and S. K. Joshi 2475
The application of Landau's theory of continuous phase transitions to magnetic phase transitions . . . A. P. Cracknell 2488
Ion core scattering and low energy electron diffraction: I . . . J. B. Pendry 2501
Ion core scattering and low energy electron diffraction: II . . . J. B. Pendry 2514
The Jahn–Teller effect in a p state equally coupled to E_{2g} and T_{2g} vibrations . . . M. C. M. O'Brien 2524
Vibronic properties of the F^+ absorption band in calcium oxide . . . C. Escribe and A. E. Hughes 2537
Defect configuration for rare earth ions in zinc selenide . . . M. R. Brown, A. F. J. Cox, W. A. Shand and J. M. Williams 2550
Temperature dependence of the force constants of NO_2^- in $NaNO_2$ . . . G. D. Holah 2557
Magnetostriction of a NiO single crystal: II . . . P. de V. du Plessis, S. J. van Tonder and L. Alberts 2565
A model of magnetostriction in an Ising system and its application to $PrCl_3$ and $NdCl_3$ . . . R. A. Hunt 2572
Thermodynamic properties of a $S = 1$ spin–phonon system: Specific heat of Fe^{2+} in MgO . . . F. B. Fidler and J. W. Tucker 2583
Influence of plasmons on Compton scattering . . . A. Pimpale and C. Mande 2593
A direct calculation of the tunnelling current: II. Free electron description . . . C. Caroli, R. Combescot, D. Lederer, P. Nozieresa nd D. Saint-James 2598
A direct calculation of the tunnelling current: III. Effect of localized impurity states in the barrier . . . R. Combescot 2611
Calculation of periodic lattice Green functions, with applications to impurity levels in semiconductors . . . T. Lukes, D. J. Morgan and S. Joshua 2623
Identification of the displaced atomic species for binary semiconducting compounds . . . S. A. Hamid 2635
Magnetic field dependence of second harmonic generation, coherence lengths, and second order susceptibilities near the band edge in InSb . H. G. Hafele, R. Grisar, C. Irslinger, H. Wachernig, S. D. Smith, R. B. Dennis and B. S. Wherrett 2637
The dielectric function in zincblende semiconductors . P. K. W. Vinsome and D. Richardson 2650
Theory of dipole–dipole interactions in ferromagnets: I. The thermodynamic properties . . . M. G. Cottam 2658
Theory of dipole–dipole interactions in ferromagnets: II. The correlation functions . . . M. G. Cottam 2673
The smoothness postulate and the Ising antiferromagnet . D. C. Rapaport and C. Domb 2684
Spin waves in an itinerant electron model of an antiferromagnet . . . B. E. A. Fisher 2695
The ^{57}Fe quadrupole splitting generated by a single 3d electron in FeF_2 . . B. W. Dale 2705
The Jahn–Teller interaction and $3d^9$ ions at tetrahedral sites C. A. Bates and P. E. Chandler 2713

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 9 December 1971 No. 17

LETTERS TO THE EDITOR

The Dirac and t matrices for spherically symmetric potentials . . . J. S. Rousseau L351

Three-body interactions and lattice sums in crystals . . . J. A. Barker, M. L. Klein, M. V. Bobetic, I. J. Zucker, M. B. Doran and G. G. Chell L355

PAPERS

Multiple scattering of neutrons in liquid methane K. R. Rao, B. A. Dasannacharya and S. Yip 2725

Effect of three body force on the correlation energy of liquid ^{4}He . . . R. K. Bhaduri, Y. Nogami and C. K. Ross 2734

Selfdiffusion in single crystals of sodium iodide I. M. Hoodless, J. H. Strange and L. E. Wylde 2737

Selfdiffusion studies in sodium iodide single crystals by nmr relaxation . . . I. M. Hoodless, J. H. Strange and L. E. Wylde 2742

Lattice dynamics of LiH, LiF and LiCl . . . M. P. Verma and R. K. Singh 2749

The free energy of cubic crystals at finite temperatures . . . G. G. Chell 2759

Microscopic considerations of long wavelength acoustic phonons in symmetry-induced zero gap semiconductors . . . D. Sherrington 2771

On the use of models for phonon collision operators . . . S. Simons 2785

Optically induced hypersonic attenuation in germanium . . . S. Wilson 2792

Discussion of possible mechanisms for the observed optically induced attenuation of longitudinal hypersound in germanium . . . S. Wilson and R. Hill 2799

Thermodynamics of internal strain in perfect crystals . . . T. H. K. Barron, T. G. Gibbons and R. W. Munn 2805

Landau–Coulomb levels in a degenerate band . . . G. J. Rees 2822

Theory of ac loss in type II semiconductors in the Meissner state . . . P. H. Melville 2833

Density of states and barrier height of metal–Si contacts . . . F. Yndurain 2849

Field emission from tungsten covered with germanium layers of atomic thickness . . . N. Nicolaou and A. Modinos 2859

A method for the evaluation of tunneling probabilities through a slowly varying potential barrier containing potential holes . . . A. Modinos and N. Nicolaou 2875

Quantum field theoretical treatment of a dynamical model of the ferroelectric KDP: II . . . G. D. Houston and H. C. Bolton 2894

Impurity spin wave modes in a simple cubic Heisenberg ferromagnet . . . R. C. Jones 2903

The paramagnetic susceptibility of the ferrite FeV_2O_4 . . . P. de V. du Plessis 2919

The low temperature magnetic thermal expansion of $CuCl_2 . 2H_2O$ . . . G. L. Harding, P. C. Lanchester and R. Street 2923

Spin waves in a dilute Heisenberg antiferromagnet . . . C. F. Osborne 2929

Magnetic interactions in antiferromagnetic $DyPO_4$ . . . C. J. Ellis, M. J. M. Leask, D. M. Martin and M. R. Wells 2937

Orientation dependence of the ^{23}Na nuclear quadrupole spin–lattice relaxation in sodium nitrate . . . D. G. Hughes and K. Reed 2945

The sensitization of rare earth photoluminescence in II–VI compounds: I. Er^{3+} in CdS:Ag . . . A. F. J. Cox and W. A. Shand 2962

Cu^{2+} in ammonium fluoride—a tetrahedral site . . . I. H. Parker 2967

Ground states and photoionization of iron group transition metal impurities in semiconductors . . . M. Jaros 2979

The F centre in MgF_2: I. Epr and Endor . . . W. P. Unruh, L. G. Nelson, J. T. Lewis and J. L. Kolopus 2992

The F centre in MgF_2: II. Optical absorption and epr . . . J. L. Kolopus, J. T. Lewis, W. P. Unruh and L. G. Nelson 3007

Complexes of trigonal symmetry involving hydride ions paired with trivalent rare earth ions in calcium fluoride . . . D. N. Chambers and R. C. Newman 3015

NOTES ON THE PREPARATION OF PAPERS

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JOURNAL OF PHYSICS C
SOLID STATE PHYSICS

Vol. 4 31 December 1971 No. 18

LETTERS TO THE EDITOR

The scattering of helium atoms from surfaces . . . J. L. BEEBY L359

High frequency depolarized light scattering from liquid helium I and helium gas . . . E. R. PIKE and J. M. VAUGHAN L362

X ray Compton profile of LiCl . . . S. MANNINEN, O. INKINEN and V. HALONEN L366

A reduced Green function for finite solids . . . V. HALPERN L369

Electrical conduction in the Wigner lattice in n type InSb in a magnetic field . . . C. M. CARE and N. H. MARCH L372

The photon drag tensor in p type germanium . . . A. C. WALKER and D. R. TILLEY L376

Reflectivity of MoS_2 and $NbSe_2$ . . . W. Y. LIANG L378

PAPERS

Partial structure factors in a liquid or amorphous binary system using anomalous scattering . . . T. G. RAMESH and S. RAMASESHAN 3029

The partial structure factors of molten cuprous chloride from neutron diffraction measurements . . . D. I. PAGE and K. MIKA 3034

Equation of state and other associated properties of liquid argon and liquid methane . . . S. C. JAIN and V. S. NANDA 3045

Density fluctuations in classical monatomic liquids . . . S. W. LOVESEY 3057

Point defect calculations in diamond type crystals by the extended Hückel method: I. General theory and the vacancy problem . . . F. P. LARKINS 3065

Point defect calculations in diamond type crystals by the extended Hückel method: II. The substitutional impurity problem . . . F. P. LARKINS 3077

Anharmonicity in the alkaline earth fluorides . . . R. P. LOWNDES 3083

Fast perturbation schemes for low energy electron diffraction spectra . . . J. B. PENDRY 3095

Defect structure of calcium fluoride containing excess anions: I. Bragg scattering . . . A. K. CHEETHAM, B. E. F. FENDER and M. J. COOPER 3107

Tight binding energy band structure calculations for phthalocyanines: I. β-hydrogen phthalocyanine . . . S. C. MATHUR, J. SINGH and D. C. SINGH 3122

Electron states in glassy semiconductors . . . J. M. ZIMAN 3129

Long range order, short range order and energy gaps . . . J. KELLER 3143

The use of general potentials in the band structure calculation . . . R. EVANS and J. KELLER 3155

Thermally assisted tunnelling and pseudointrinsic conduction: Two mechanisms to explain the Meyer–Neldel rule . . . G. G. ROBERTS 3167

The charge density in zincblende semiconductors . . . P. K. W. VINSOME and D. RICHARDSON 3177

The interaction distance between flux lines and pinning centres . . . A. M. CAMPBELL 3186

Hopping conduction in gallium sulphide single crystals . . . S. G. PATIL and R. H. TREDGOLD 3199

Classical Heisenberg chain with random interactions . . . E. R. SMITH 3205

The spin wave contribution to the specific heat of Gd . . . A. K. SEDAGHAT and A. P. CRACKNELL 3215

Short range order in a compressible Ising system . . . B. S. LEE 3221

Neutron diffraction study of antiferromagnetic $DyAsO_4$ . . . W. SCHÄFER and G. WILL 3224

Configuration interaction and lanthanide crystal fields . . . D. J. NEWMAN, S. S. BISHTON, M. M. CURTIS and C. D. TAYLOR 3234

Localized vibrational modes of light impurities in gallium phosphide . . . F. THOMPSON and R. C. NEWMAN 3249

Temperature dependence of the vibronic spectrum and fluorescence lifetime of YAG:Cr^{3+} . . . W. A. WALL, J. T. KARPICK and B. DI BARTOLO 3258

The radiation-induced increase of the 100°C thermoluminescence sensitivity of fired quartz . . . J. ZIMMERMAN 3265

The radiation-induced increase of thermoluminescence sensitivity of the dosimetry phosphor LiF (TLD–100) . . . J. ZIMMERMAN 3277

An epr study of Mn^{2+} in single crystals of BaO . . . P. WEIGHTMAN, D. E. DUGDALE and L. V. HOLROYD 3292

Effect of Fe^{2+} on electron spin relaxation for one transition of Fe^{3+} in corundum . . . G. RAOULT, A. GAVAIX, A. VASSON and A. M. VASSON 3297

The spectrum and magnetism of $[V(urea)_6]^{3+}$ . . . H. U. RAHMAN 3301

Magnetic scattering of neutrons by several unfilled shells configurations . . . A. MAHENDRA and D. C. KHAN 3307

Nuclear quadrupole resonance Zeeman spectra of chlorine in 3,4-dichloronitrobenzene . . . D. SASIKALA and C. R. K. MURTY 3322

CORRIGENDUM . . . 3328

NOTES ON THE PREPARATION OF PAPERS

Papers will be considered for publication in the *Journal of Physics* series if they have not previously been published or submitted for publication elsewhere. They may be in English, French or German but title, abstract and figure captions in English must be provided. Papers should be submitted to The Institute of Physics, Netherton House, 23 Marsh Street, Bristol BS1 4BT, England. The submission of papers is not restricted to Members of the Institute. **There are no page charges to authors.**

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